

**CHALMERS**

Translation of  
Admission Regulations  
for First and Second Cycle  
(Bachelor's and Master's Level)  
including Foundation Year and Continuing  
Professional Development

at Chalmers University of Technology  
Academic Year 2021/22

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# Admission Regulations for Chalmers University of Technology

Chalmers University of Technology AB (hereinafter called Chalmers) has been a foundation university since 1994 and the university runs in the form of a wholly owned limited company. As such, Chalmers does not observe rules and regulations under the Higher Education Ordinance.

Chalmers University of Technology Foundation is the supreme decision-making body and the university board is responsible for the overall planning, coordination and follow up of the university's activities and determines the relationship between its students and the university. Chalmers President has established an appointment regulations for first and second cycle education (bachelor's and master's level) at Chalmers which states that "Chalmers must establish admission regulations".

Rules for application, entry requirements and selection methods for admissions to foundation year, first and second cycle (bachelor's and master's level) and continuing professional development, are stipulated in this admission regulations. Admission regulations is a document of regulations in policy documents 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 policy document.

Admission regulations shall be established when the range of courses and programmes are published at [antagning.se/universityadmissions.se](http://antagning.se/universityadmissions.se).

Current academic year's admission regulations are published at Chalmers' intranet. Refer to Policy Documents.

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.

The admission regulations for 2 academic years (the current version and previous year) are published at [chalmers.se](http://chalmers.se) for comparison purposes. Admission regulations established for the next academic year, is aimed to be available for prospective students.

Together with the admissions regulations, a translated copy (in English) of the admission regulations and another document known as *Course Codes, Accreditations and Priority (Guaranteed Study Places)* are also published. The document includes specific course requirements to second cycle education (master's programmes) that are translated as course codes and information on which programmes that gives priority (a guaranteed study place) for a student from first cycle education (bachelor's level) at Chalmers. It also specifies information on guaranteed study places and accreditation that is regulated and associated to the *Local System of Qualifications at Chalmers University of Technology*.

The decisions hereby that are referred to, are accessible from Chalmers Registrar.

# Revised Updates in Comparison with Admission Regulations 2020/21

## Yearly Reviews

The possibility for changes and suggestions in all sections are open for 1 month from the start of the autumn semester. Entry requirements for first and second cycle (bachelor's and master's level) including foundation year and continuing professional development have been revised for the yearly review.

## Establishment of Preparatory Education for Foundation Year (distance-based), from Academic Year 2020/21

Refer to decision Dnr C2020-0848 (additional decision to Admission Regulations 2020/21) and section 1.2.3 and 1.3.6.

## Establishment of Nautical Supplementary Training -Education Deck Officer Class VII: Domestic Trade with Admission from Academic Year 2021/22

Refer to decision Dnr C2020-1450 (refer also to Dnr C2020-0295 on the change of English title) and section 1.2.3.

## Establishment of One (1) New Master's Programme, Mobility Engineering, 120cr/120hp (MPMOB) with Admission from Academic Year 2021/22

These two (2) programmes Naval Architecture and Ocean Engineering (MPNAV) and Automotive Engineering (MPAUT) are cancelled as free standing programmes but will be incorporated as specialisation tracks in the new master's programme.

Refer to decision Dnr C2020-1036 and section 9.2.3.

## Establishment of Single Subject Courses

Decision to offer single subject courses for autumn semester HT2021 continues. Single subject courses can only be applied under *Single Subject Courses for Working Professionals (VFY)* and *Single Subject Courses for Chalmers Alumni* previously. The alternatives remain but they require a minimum of 1 year working experience and a higher education qualification/degree obtained at first cycle (bachelor's level) from Chalmers. From summer 2020, Chalmers has published a few single subject courses at *antagning.se* for both first and second cycle (bachelor's and master's level).

Refer to decision Dnr C2020-1412 (and C2020-1297) and section 8, 12.1 and 12.2.

## Termination of Two (2) Master's Programmes

The last admission round for Naval Architecture and Ocean Engineering (MPNAV) and Automotive Engineering (MPAUT) was in autumn semester 2020. These two (2) master's programmes are replaced by the new master's programme, Mobility Engineering (MPMOB).

Refer to decision Dnr C2020-1038.

## Guaranteed Study Places after the Completion of Foundation Year (campus-based) and Foundation Year (distance-based)

Conditions to guaranteed study places after the completion of foundation year are updated and the background to the changes is the establishment of foundation year (distance-based) and new regulations.

Refer to section 1.3.6.

## Change in Name for a Master's Programme Electric Power Engineering (MPEPO) to Sustainable Electric Power Engineering and Electromobility (MPEPO)

The programme maintains the same code in Ladok, MPEPO.

Refer to decision Dnr C2020-1281.

## Change of the English Title for Ship's Officer and Engineering Officer, Class VII (60cr/60hp)

Change of the English title for Ship's Officer and Engineering Officer, Class VII to Deck Officer and Engineer Officer, Class VII. The change of title is to correspond to the title used in the course certificate, issued by *Transportstyrelsen*.

Refer to decision Dnr C2020-0295 and Translation of Admission Regulations 2021/22.

## Decision to Use NyA as the System for Course Selection within a Programme (and Selection Regulations)

The national admission system NyA will be deployed to handle course selection for all courses at first and second cycle (bachelor's and master's level) for all academic programmes starting as of study period 3-4, in the academic year 2020/21. The system will also be deployed to handle course selection for preparatory courses in the Foundation Year (at

campus) (ZBASS). With this transition of an overview and revisions adjusted from the previous decision (Dnr C2017-0123), it is replaced by decision Dnr C2020-1062, *Selection to Courses with Limited Study Places within the Foundation Year, First and Second Cycle (Bachelor's and Master's Level)*.

Refer also to decision Dnr C2020-1061 *Decision to Use NyA as the System for Course Selection at Chalmers* and Dnr C2020-1062 *Selection to Courses with Limited Study Places within the Foundation Year, First and Second Cycle (Bachelor's and Master's Level)* and section 7.

### **Pilot Activity with Another Weighted Distribution of the Swedish Scholastic Aptitude Test ended in 2020**

The government gave UHR an assignment to carry out a pilot activity of weighted test results in the Swedish Scholastic Aptitude Test in autumn semester HT2019. The aim was to examine if weighted test results can increase the test's ability to forecast success in higher education. Chalmers took part in the pilot activity, together with several other universities. In the beginning, all Degree of Master of Science in Engineering programmes (except Architecture and Engineering) were included. From autumn semester HT2020, 2 new Degree of Master of Science in Engineering programmes and all Degree of Bachelor of Science in Engineering programmes were added to the pilot activity.

The Swedish Scholastic Aptitude Test (*högskoleprovet*) consists of two (2) parts – a quantitative component that examines mathematics and logical abilities and a verbal component that examines language competency. A normal distribution is 50/50. In both autumn semesters HT2019 and HT2020, the weighted distribution of quantitative and verbal components was 75/25 for all the programmes that Chalmers had chosen.

Chalmers anticipates that weighted test results improve the Swedish Scholastic Aptitude Test's forecast ability in how well a student can utilise in his/her education. An additional expectation is an increase of student completion and wider recruitment of students who have very good knowledge and skills in the quantitative component but lesser competencies in the verbal component.

UHR shall present the assignment of weighted test results to the government latest by 1<sup>st</sup> December 2023. In the analysis, a presentation includes how admitted groups affect the different weighted results of the 2 components in relation to each other, including factors such as gender, age and merit points.

Refer to Higher Education Ordinance (2018:1511) on pilot activity of weighted test results in selection round.

### **Forthcoming Changes to Field-Specific Entry Requirements that will be Omitted before Autumn Semester HT 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 before the admissions regulations in 2022/23.

\*) Those who completed the upper-secondary education before 1 January 2010 and received the final school grades (Swedish name *slutbetyg*) can add credits called merit points (*meritpoäng*) for the field-specific weighted courses with a maximum of 1.0 point. As a result of the changes in the Higher Education Ordinance that was decided by the administration in 2018, the merit points for field-specific weighted courses will be removed for this group in autumn semester 2020. UHR will be looking into the possible compensations that could be drafted for these applicants in this group.

# 1 Foundation Year and First Cycle (Bachelor's Level)

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 first cycle (bachelor's level) programmes.

Refer to section 13 *Restrictions of Access to Single Subject Course or Programme at Foundation Year, First and Second Cycle (Bachelor's and Master's Level)*

## 1.1 Application and Supporting Documentation

By submitting an application, the applicant approves of personal data, student's information such as admission to programmes, credits and grades stored in the database of Ladok (the administration system for higher education in Sweden).

An application to foundation year and first cycle (bachelor's level) at 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 a few programme alternatives and considered as complete when the supporting documentation are available for determining the eligibility requirements.

Application can be submitted online at *antagning.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* or The Student Portal.

An application must be submitted before the stipulated deadline of application and supporting documents that strengthen the academic merits must be submitted before the deadline of supporting documents to be considered as a complete application. If an applicant submits several applications during the same application period, then only the latest application will be evaluated.

Supporting documents must be submitted by the stipulated deadlines according to the rules and regulations stipulated by UHR or Chalmers\*. Documents that are submitted late/after the stipulated deadline, will be processed according to the rules and regulations stipulated by UHR.

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.

\*) For an applicant who is completing upper-secondary school in the same semester when the application is made, the new final school grades are transferred from BEDA and registered by UHR in those cases where an application is submitted in a current application round. Older upper-secondary school merits/academic merits are not registered by default in Ladok and the applicant must check if the academic merits are registered at *antagning.se* by the stipulated deadline.

Academic merits from other Swedish universities that use Ladok are transferred when the applicant makes an application. The applicant is responsible to control check his/her academic merits.

### 1.1.1 Late Application

An application submitted after the stipulated deadline for application is a late application.

The late application ranking is based on chronological date order and it also applies to a selection round among qualified applicants.

A late application does not subject to additional time to submit supporting documentation. The application date can therefore be changed/moved ahead, to the date the documents that are required for the application or other mandatory documents are submitted (a complete application). \*

If the late application round is closed before the applicant has submitted a complete application, then the applicant cannot participate in the selection round.

Late applications are processed only if time permits (admissions resources) and if there are available study places. Therefore, Chalmers Admissions cannot guarantee the processing of late applications.

Available study places can only be offered after all on-time qualified applicants (including reserves) have been offered study places. If two or more applicants have the same merit rating, then a casting of lots is used. (the same application date).

Fee-paying applicants and non-fee-paying applicants are administered separately.

In the event of a possibility to submit a late application close to the course/semester start, it is important that the applicant will be able to commence his/her studies at a very short notice.

\*) An application that is submitted on-time can be changed to 'late application' in certain circumstances. If the applicant submits documents that are mandatory for the assessment of academic merits after the deadline for supporting documents, then it is the applicant's responsibility to contact Chalmers Admissions to change the application to a late application. Otherwise, the application will be deleted due to unqualified status. The possibility to change to a late application requires that the programme is still open for late applications. The principle also applies if the application fee is paid after the deadline of supporting documentation in the ordinary selection round. If the programme is still open for late applications, then the date of application can be changed and if the programme is closed, then the application will be deleted in the selection round.

## **1.2 Entry Requirements**

The general entry requirements for higher education at Chalmers must be fulfilled for admission to any Chalmers' education programmes. Specific entry requirements in addition to the general entry requirements are also applicable in many programmes. Refer to section 1.2.3.

### **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 assessments of all equivalence assessments of both Swedish and international pre-bachelor's level.

#### **Language Requirement**

English 6 is the minimum requirement for programmes that are conducted solely in English and Swedish 3 is the minimum requirement for programmes that are conducted solely in Swedish. Equivalence assessments and tests are regulated in The Qualification Assessment Manual by UHR. Exemptions from language requirement can be granted either for Swedish or English only but not for both Swedish and English simultaneously.

### **1.2.2 Equivalence Assessment, Exemption or Fulfill the Specific Entry Requirements through Previous Academic Qualifications**

A further assessment can be made on general entry requirements and/or specific entry requirements other than merits from upper secondary qualification if an applicant does not fulfill the entry requirements.

The following assessments can be made.

#### **Equivalence Assessment of Academic Merits**

Assessments for applicants with passed results from courses at the university in subjects such as mathematics and physics with a minimum of 7.5 credits/*hp* course. 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 upper secondary qualification. 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 7,5cr/*hp* completed physics course is required

Fy1a to Fy2 7,5cr/*hp* completed physics course is required

Ma2 to Ma3 7,5cr/*hp* completed mathematics course is required

Ma3 to Ma4 15cr/*hp* completed mathematics course is required

**The following is required for an applicant with upper secondary qualification (*slutbetyg*):**

A minimum of 7,5cr/*hp* of completed course is required for raising a level, in any mathematics or physics course (for example, from Ma C to D).

The preparatory course in mathematics (7,5cr/*hp*) cannot be used as an equivalence assessment of academic merits. This course cannot be used as fulfilling a specific entry requirement for admission to Chalmers.

Refer to section 5.

**Exceptions**

Exceptions include an exemption (*grant/dispens*) from one (1) or more entry requirements for a specific programme alternative. This is granted rarely.

Exemption from language requirement can be granted either for Swedish or English only but not for both Swedish and English simultaneously.

Refer to section 1.2.1.

**Fulfill the Specific Requirements through Previous Academic Qualifications**

In certain cases, an applicant can fulfill the specific entry requirements for a first cycle (bachelor's level) programme through previous academic qualifications. Applicants must also fulfill the general entry requirements.

To fulfill the specific entry requirements, the academic merits comprise a completed or close to completed bachelor's degree (equivalent to a Swedish *kandidatexamen* 180*hp*) according to the regulations stipulated by UHR.

The academic merits must be within the same subject area or major as the programme applied for. An approval based upon previous academic qualifications are applicable only for the specific application alternative and for the current application round only.

**Prior Learning**

Refer to section 4

### **1.2.3 Specific Entry Requirements and Selection Methods for Foundation Year and First Cycle (Bachelor's Level)**

The following requirements for field-specific entry requirements and field-specific weighted courses are applicable for admission to first cycle (bachelor's level) programmes that are offered by Chalmers. Applicants with completed upper secondary qualification, must fulfill a minimum grade of E. Applicants with field-specific entry requirements and field-specific weighted courses must fulfill a minimum of pass grade in their final school grades (*slutbetyg*).

**Architecture 300cr (*Arkitektur 300hp*)**

General entry requirements for higher education

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**

English 6

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, results from Swedish Scholastic Aptitude Test and Architect Test.

Distribution of study places: Upper secondary qualification 45%, Swedish Scholastic Aptitude Test 15%, Architect Test 40%.

Refer to section 1.3.

**Architecture and Engineering** (Degree of Master of Science in Engineering/Architecture) 300cr (*Civilingenjör/Arkitekt 300hp*)

General entry requirements for higher education

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**

English 6

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 another selection test- Mathematics and Physics Test.

Distribution of study places: Upper secondary qualification 60%, Swedish Scholastic Aptitude Test 15%, Mathematics and Physics Test 25%.

Refer to section 1.3.

Distribution of study places after deduction from guaranteed study places is applicable here. Refer to section 1.3.6.

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

General entry requirements for higher education

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**

English 6

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.

Distribution of study places: Upper secondary qualification 75%, Swedish Scholastic Aptitude Test 25%.

Selection for the following programmes: Electrical Engineering, Engineering Physics, Engineering Mathematics, Chemical Engineering with Engineering Physics has another distribution of study place which includes Mathematics and Physics Test.

Distribution of study places: Upper secondary qualification 50%, Swedish Scholastic Aptitude Test 17%, Mathematics and Physics Test 33%.

Refer to section 1.3.

Distribution of study places after deduction from guaranteed study places is applicable here. Refer to section 1.3.6.

**Degree of Bachelor of Science in Engineering** 180cr (*Högskoleingenjör 180hp*)

General entry requirements for higher education

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**

English 6

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: Upper secondary qualification 75%, Swedish Scholastic Aptitude Test 25%.

Refer to section 1.3.

Distribution of study places after deduction from guaranteed study places is applicable here. Refer to section 1.3.6.

**Business Development and Entrepreneurship** (Degree of Bachelor of Science) 180cr (*Teknologie kandidatprogram 180hp*)

General entry requirements for higher education

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**

English 6

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.

Distribution of study places: Upper secondary qualification 75%, Swedish Scholastic Aptitude Test 25%.

Refer to section 1.3.

**International Logistics** (Degree of Bachelor of Science) 180cr (*Teknologie kandidatprogram 180hp*)

General entry requirements for higher education

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**

English 6

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.

Distribution of study places: Upper secondary qualification 75%, Swedish Scholastic Aptitude Test 25%. Refer to section 1.3.

4 guaranteed study places are allocated to qualified applicants from the Foundation Year. Refer to section 1.3.6.

**Nautical Science** (Degree of Bachelor of Science) 180cr (*Sjökapten 180hp*)

General entry requirements for higher education

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**

English 6

Mathematics equivalent to *Matematik 3b eller 3c*

Physics equivalent to *Fysik 1a alternativt Fysik 1b1\**

\*) Science equivalent to *Naturkunskap 2* can substitute *Fysik 1a alternativt 1b1*

Applicants with able seafarer-deck or *lätmatros* qualification can obtain an extra 3-credit increment. Only those who have a merit rating in selection group BI and/or BII can have the credit 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.

Distribution of study places: Upper secondary qualification 75%, Swedish Scholastic Aptitude Test 25%.

Refer to section 1.3.

5 guaranteed study places are allocated to qualified applicants from the Foundation Year. Refer to section 1.3.6.

**Marine Engineering** (Degree of Bachelor of Science) 180cr (*Sjöingenjör 180hp*)

General entry requirements for higher education

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**

English 6

Mathematics equivalent to *Matematik 3b eller 3c*

Physics equivalent to *Fysik 1a alternativt Fysik 1b1*

Applicants with a *motorman*, able seafarer-engine /deck qualification can obtain an extra 3-credit increment Only those who have a merit rating in selection group BI and/or BII can have the credit 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.

Distribution of study places: Upper secondary qualification 75%, Swedish Scholastic Aptitude Test 25%. Refer to section 1.3.

4 guaranteed study places are allocated to qualified applicants from the Foundation Year. Refer to section 1.3.6.

**Deck Officer and Engineer Officer Class VII 60cr (*Sjöbefäl klass VII 60hp*)**

General entry requirements for higher education

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirement**

English 6

Applicants with final school grades (*slutbetyg*)

**Specific Entry Requirement**

English A

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 (after the guaranteed study places) is based on the upper secondary qualification and results from Swedish Scholastic Aptitude Test.

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.

Distribution of study places: Upper secondary qualification 75%, Swedish Scholastic Aptitude Test 25%. Refer to section 1.3 and decision Dnr C2020-0295. (change of English title)

**Deck Officer Class VII: Domestic trade 60cr (*Fartygsbefäl klass VII: Inre fart 60hp*)**

(nautical supplementary training/*nautisk påbyggnadsutbildning*)

General entry requirements for higher education

**Specific Entry Requirements**

Awarded qualification in Deck Officer Class VII (*Fartygsbefäl klass VII*) and Engineer Officer Class VII (*Maskinbefäl klass VII*)

Application shall be submitted with the certificate from *Transportstyrelsen* that awarded the qualification.

Selection is based on the upper secondary qualification, assessment from folk high school and results from Swedish Scholastic Aptitude Test. Distribution of study places: Upper secondary qualification 75%, Swedish Scholastic Aptitude Test 25%.

Refer to section 1.3.

**Foundation Year (at campus) 60 fup and Foundation Year (distance-based) 60 fup**

(*Tekniskt basår (på campus) samt Tekniskt basår (på distans) 60fup*)

General entry requirements for higher education

Applicants with upper secondary qualification (*gymnasieexamen*)

**Specific Entry Requirements**

English 6

Mathematics 2a or 2b or 2c or equivalent

Applicants with final school grades (*slutbetyg*)

### Specific Entry Requirements

English B

Mathematics B or equivalent

Maximum merit rating is 20,00 (not 22,5) to Foundation Year.

Neither credit increment nor weighted courses can be applied at Chalmers as this is a foundation level programme at upper secondary level. This rule applies to all applicants. Thus, supplementary credit increment for applicants with foreign upper-secondary education is not applicable too.

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: Upper secondary qualification 75%, Swedish Scholastic Aptitude Test 25%.

Refer to section 1.3.

## 1.3 Distribution of Study Places and Selection

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 under section 1.2.3. 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. To ensure that all study places are filled, Chalmers admits a greater number of students than the actual number of study places available.

In the event of limited study places, a qualified applicant will be given a reserve number in 1 (one) or more selection groups. The distribution method among selection groups in selection round 1 is also performed in selection round 2 and in actual/current reserve admission round.

### 1.3.1 Selection Groups

Study places are allocated in the following grades selection group:

<b>BI</b>	Grades group I (Direct Group)
<b>BII</b>	Grades group II (Supplementary Group)
<b>BF</b>	Folk high school group
<b>BITB</b>	Grades group I (Direct Group) for applicants to Foundation Year
<b>BIITB</b>	Grades group II (Supplementary Group) for applicants to Foundation Year

### 1.3.2 Examination Selection - Swedish Scholastic Aptitude Test (selection group HP)

Examination selection group is allocated one quarter (1/4) of the study places. Deviations from this group are included and these are stated under section 1.2.3. An applicant must fulfill both the general and specific entry requirements and a valid Swedish Scholastic Aptitude Test (*högskoleprovet*) result to participate in this examination selection.

### 1.3.3 Other Selection Criterion 1 – Architect Test (selection group 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 architect test (*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 architect test (*arkitektprovet*) are stipulated in the Examination Handbook (decision Dnr C 2019-1288) and the regulations apply to all architectural schools in Sweden. The architect test (*arkitektprovet*) is a collaboration among the four (4) architectural programmes at Chalmers University of Technology (CTH), Architectural School at Lund University (LTH/LU), Royal Institute of Technology (KTH) and Architectural School at Umeå University (UMU).

\*) Test component part one (1) is a submission of practical 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)).

### **1.3.4 Other Selection Criterion 2 – Mathematics and Physics Test (selection group APFM)**

One third (1/3) of the study places is allocated to Engineering Physics, Chemical Engineering with Physics, Mathematics Engineering and Electrical Engineering and one quarter (1/4) of the study places is allocated at Architecture and Engineering programmes, based on the results from Mathematics and Physics Test. (*matematik- och fysikprovet*)

Application to the test shall be conducted according to the regulations stated at [www.matematik-och-fysikprovet.se](http://www.matematik-och-fysikprovet.se). An applicant must fulfill the general and specific entry requirements to be able to participate in the selection round with another selection criterion.

### **1.3.5 Guaranteed Study Places for Applicants to Deck Officer and Engineer Officer Class VII (*Sjöbefäl klass VII 60hp*)**

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 1.2.3.

## **1.4 Conditions to Guaranteed Study Places after the Completion of Foundation Year**

Only one (1) merit rating from one foundation year can be obtained. This means that a student can fulfill the requirements for either foundation year (at campus) with the selection group ZBGAR or foundation year (distance-based) with the selection group ZTBDG. When a student has fulfilled the conditions for a guaranteed study place for one of the foundation years, then the regulations for that foundation year shall continue to be applicable.

If a student has claimed his/her study place from the first admission to the foundation year and then later gets an admission to the other one, then the conditions for guaranteed study places from the first admission to the foundation year is applicable. The student who has not claimed his/her study place from the first admission to the foundation year and then later gets an admission to the other one, then the conditions for guaranteed study places for the later admission is applicable.

Refer to Dnr C2019-1218, *Regulations for Claiming your Study Place*.

Credit transfer to foundation year (from upper secondary or academic merits) or between the foundation years are not possible. The rights to apply for credit transfer is not applicable for preparatory courses and foundation year programmes.

### **1.4.1 Foundation Year (at campus) (Selection Group ZBGAR)**

Study places can be offered to one of the Degrees in Nautical Science/Marine Engineering/International Logistics, Degree of Master of Science in Engineering (*civilingenjörsprogram*) (300cr/300hp) or Degree of Bachelor of Science in Engineering (*högskoleingenjörsprogram*) (180cr/180hp) programmes\* offered by Chalmers to those who have completed the Chalmers' foundation year.

1. A student who would like to utilise the guaranteed study place directly in the autumn intake, without a break year, must:

Apply at [antagning.se](http://antagning.se) on time (last day for application is usually on 15<sup>th</sup> of April). Choose and rank the order of a minimum 5 programme alternatives which offer guaranteed study places. This clause is applicable regardless the duration of completion of the foundation year. (in 1 or several years)

Refer to point 3, 4 and 5.

2. A student who wishes to wait another year to make the application, in other words, take a break after the completion of foundation year must:
  - 2a) Apply at [antagning.se](http://antagning.se) on time, the year the student intends to begin studies in the up-coming autumn semester (last day for application is usually on 15<sup>th</sup> of April). Choose and rank the order of a minimum 5 programme alternatives which offer guaranteed study places.  
and
  - 2b) Contact Chalmers Admissions at [antagning@chalmers.se](mailto:antagning@chalmers.se) as soon as the application is submitted and before the deadline of the supporting documentation (usually in mid-June) with information that he/she would like to utilise his/her guaranteed study place  
Refer to point 3, 4 and 5.
3. A completed foundation year (60fup) means all courses and components (including project course) are completed with passed results (a minimum grade of 3/G) before the deadline of the supporting documentation of the current application round. The merit rating is registered after the completion of foundation year and no re-examinations/improved grades (*plussning*) can alter the merit rating after the registration.
4. The specific entry requirements must be fulfilled for the programme applied for. Social Studies (*Samhällskunskap 1*) is an additional specific entry requirement, besides Chemistry (*Kemi 1*), Physics (*Fysik 2*) and Mathematics (*Matematik 4*) that are required for Degree of Master of Science in Architecture and Engineering. (300cr/300hp)
5. The applicant must reply yes to the offered study place, including reply to offer of reserve study places within the stipulated time frame. If there is no reply to the offered study place, then the study place will be deleted in selection round 2.

\*) The above conditions for guaranteed study places apply for those who have completed the Foundation Year (ZGBAR) admitted in HT2019 and onwards, and for those admitted in HT2018 (transitional rules). For anyone admitted prior to HT2018, the admission regulations 2018/19 applies the condition of completing the Foundation Year directly in the next academic year to claim a guaranteed study place. (Refer to decision Dnr C2017-1282)

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

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 first cycle (bachelor's level) programmes. The total number of guaranteed study places is determined by the number of first-time enrolled students who did continue the foundation year in the 2<sup>nd</sup> semester. (spring semester). A higher admission number in the regular selection should not be included in the number of study places for the programme.

The following number of determined study places on the two (2) shipping programmes does not form the basis for the entire total distribution of other guaranteed study places, but they constitute as an addition to the total number of study places to these programmes, namely Nautical Science (5), Marine Engineering (4) and International Logistics (4).

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.

An applicant can be admitted to another selection group where the applicant has a merit rating. This does not affect the available guaranteed study places in the selection group ZBGAR.

### **1.4.2 Foundation Year (distance-based) (Selection Group ZTBDG)**

Study places can be offered to one of programmes under the section Selection to Guaranteed Study Places after the Completion of Foundation Year (distance-based) (Selection Group ZTBDG).

1. A student who would like to utilise the guaranteed study place directly in the autumn intake, without a break year, must:

Apply at [antagning.se](http://antagning.se) on time (last day for application is usually on 15<sup>th</sup> of April). Choose and rank the order of a minimum 4 programme alternatives which offer guaranteed study places. This clause is applicable regardless the duration of completion of the foundation year. (in 1 or several years)

Refer to point 3, 4 and 5.

2. A student who wishes to wait another year to make the application, in other words, take a break after the completion of foundation year must:
  - 2a) Apply at [antagning.se](http://antagning.se) on time the year the student intends to begin studies in the up-coming autumn semester (last day for application is usually on 15<sup>th</sup> of April). Choose and rank the order of a minimum 4 programme alternatives which offer guaranteed study places.  
and
  - 2b) Contact Chalmers Admissions at [antagning@chalmers.se](mailto:antagning@chalmers.se) as soon as the application is submitted and before the deadline of the supporting documentation (usually in mid-June) with information that he/she would like to utilise his/her guaranteed study place  
Refer to point 3, 4 and 5.
3. A completed foundation year (60fup) means all courses and components (including project course) are completed with passed results (a minimum grade of 3/G) before the deadline of the supporting documentation of the current application round. The merit rating is registered after the completion of foundation year and no re-examinations/improved grades (*plussning*) can alter the merit rating after the registration.
4. The specific entry requirements must be fulfilled for the programme applied for.
5. The applicant must reply yes to the offered study place, including reply to offer of reserve study places within the stipulated time frame. If there is no reply to the offered study place, then the study place will be deleted in selection round 2.

### **Selection to Guaranteed Study Places after the Completion of Foundation Year (distance-based) (Selection Group ZTBDG)**

Guaranteed study places at Chalmers' master and bachelor of engineering programmes stated below are placed in disposal of the number of study places that are determined for the first cycle (bachelor's level) programmes.

Degree of Master of Science in Engineering programmes (*civilingenjörsprogram*) (300cr/300hp); Automation and Mechatronics Engineering, Computer Science and Engineering, Electrical Engineering, Information Technology, Biomedical Engineering.

Degree of Bachelor of Science in Engineering programmes (*högskoleingjörsprogram*) (180cr/180hp); Computer Science and Engineering, Economics and Manufacturing Technology, Electrical Engineering, Chemical Engineering, Mechanical Engineering, Mechatronics Engineering, Civil and Environmental Engineering.

The total number of guaranteed study places is determined by the number of first-time enrolled students who did continue the foundation year in the 2<sup>nd</sup> semester. (spring semester). A higher admission number in the regular selection should not be included in the number of study places for the programme.

The following number of determined study places on the two (2) shipping programmes does not form the basis for the entire total distribution of other guaranteed study places, but they constitute as an addition to the total number of study places to these programmes, namely Nautical Science (5), Marine Engineering (5) and International Logistics (5).

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.

An applicant can be admitted to another selection group where the applicant has a merit rating. This does not affect the available guaranteed study places in the selection group ZTBDG.

## **1.5 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 assessment 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, take the selected aptitude tests that are available for the programme (such as Swedish Scholastic Aptitude Test and/or Mathematics and Physics Test and/or Architect Test).

\*) National Sport University

Athletes at the elite level are not assessed as a special ground. Read more at [chalmers.se](http://chalmers.se) on how elite athletes can be offered an adaptable programme plan as Chalmers is a National Sport University.

## 1.6 Notification of Selection Results and Reply to the Offer

The notification of selection results is valid as a Chalmers' decision, either from UHR ([antagning.se/universityadmissions.se](http://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 and available according to the structure as stipulated by UHR.

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 round. If the applicant declines an offer of a study place, notifies a cancellation, 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](http://universityadmissions.se/antagning.se), it is definite and irreversible.

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

In the event of a reserve admission that is available close to the course/semester start, it is important that the applicant will be able to commence his/her studies at a very short notice. When Chalmers offers a study place, applicants are generally expected to give an immediate reply or a limited time to respond to an offered study place when they are contacted by email or telephone. It is generally a time frame of 24 hours. If there is no response within the timeframe, then the offer of study place will be revoked.

## 2 Transfer to Another Programme at Foundation Year and First Cycle (Bachelor's Level), Year 1

### Application

A student at first cycle (bachelor's level; 180cr/180hp or 300cr/300hp) or foundation year at Chalmers, can apply for a transfer to another programme if the student fulfills the entry requirements and if there are available places in the 1<sup>st</sup> year of studies.

Application shall be submitted within the time frame and according to the instructions provided by Chalmers.

The information on which programme has 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.

Refer to section 13 *Restrictions of Access to Single Subject Course or Programme at Foundation Year, First and Second Cycle (Bachelor's and Master's Level)*

### Entry Requirements

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

- General entry requirements for higher education.
- Specific entry requirements for the programme applied for.
- 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).
- A registration or a registered interruption of studies in the current semester at a programme at Chalmers

Refer to section 1.2.1. and 1.2.3

Refer to decision Dnr C2019-1218 *Regulations for Claiming your Study Place.*

### Selection

Applicants compete only with the merit ratings that were available by the deadline for supporting documentation to the programme for the current (on-going) academic year.

Students who have completed the Foundation Year at Chalmers and apply for a transfer to a programme that has guaranteed study places; use the same merit rating during the admission to the current first cycle (bachelor's level) programme.

To be eligible for a transfer, a study place must be available at the programme applied for and the following requirements must also be fulfilled:

- The applicant does not fulfill the entry requirements for admission to the later part of the programme applied for.
- The applicant does not fulfill the *Local System of Qualifications at Chalmers University of Technology* for any programme(s) at Chalmers.
- The applicant's merit rating for the programme that he/she wishes to transfer to, must be greater or equal to the last admitted student in the current ordinary selection round two (2) (reserve admission cannot be included here).
- If there is a competition of study places, then a casting of lots is used.

## 3 Later Part of a Programme at First Cycle (Bachelor's Level)

### Application

By submitting an application, the applicant approves of personal data, student's information such as admission to programmes, credits and grades stored in the database of Ladok (the administration system for higher education in Sweden).

Application to a later part of a programme at first cycle (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.

Refer to section 1.1 and 13 *Restrictions of Access to Single Subject Course or Programme at Foundation Year, First and Second Cycle (Bachelor's and Master's Level)*

#### Limitation of Application Alternatives (maximum 3)

The number of application alternatives is limited to a maximum three (3) (later part of) programmes per semester. One or more programmes can have exceptions due to no available study places and these programmes are not available for selection and they are not published before the upcoming semester at *antagning.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.

This information is published at *chalmers.se*. A supplement document per programme alternative must be submitted together with the application.

UHR's deadline for supporting documentation is not applicable for this programme alternative. The last day to submit the supplement document and course syllabus is the same as the deadline of application.

- If one or more course(s) is/are incomplete, they must be labelled as 'on-going' in the same mandatory supplement document.
- For a complete and valid application, the applicant must submit
  - A mandatory supplement document for each programme alternative
  - A course syllabus\* that states the scope, contents and learning objectives for every course that the applicant states in the application
- Academic merits must be registered in Ladok (foreign academic merits can be uploaded and submitted to UHR) latest by the deadline for supporting documentation in the current application round.
- New upper secondary merits must be registered before the stipulated deadline for supporting documentation in the current application round. New upper secondary merits can be required even for those who have previous academic studies (example foreign credentials) do not fulfill the general and specific entry requirements.

\*) Course syllabus: It is the responsibility of the applicant to prove that the specific requirements are fulfilled. A course description is mandatory for every course that is stated in the supplement document. Course syllabus shall either be in Swedish or English. If a translation is done, then the course syllabus in the original language must also be submitted.

Refer to section 9.1.3

### 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 for higher education. Refer to section 1.2.1.
- Specific entry requirements for the programme applied for. Refer to section 1.2.3.
- An applicant must have a minimum of 35cr/hp from completed courses (in some exception cases, completed modules of a full course) that can be counted as credit transfers from the first two (2) semesters in the 1<sup>st</sup> academic year of the programme applied for. \*
  - Further requirements apply to applicants from Deck Officer and Engineer Officer Class VII (60cr.) (*Sjöbefäl klass VII, 60hp*) to Nautical Science or Marine Engineering, that a minimum of 52.5cr/hp must be completed. \*\*

- Further requirements apply to applicants to Civil and Environmental Engineering (180cr/180hp) and Civil Engineering (300cr/300hp), that the course, BOM195 Building Materials (or equivalent) must be included to fulfill the requirements of minimum 35cr/hp.
- 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. No partial modules are accepted.

\*\*) The following two (2) programmes, Deck Officer Class VII (60cr.) (*Fartygsbefäl VII 60hp*) and Engineer Officer Class VII (60.cr) (*Maskinbefäl VII 60hp*) do not fulfill the specific entry requirements to later part of a programme (after the disposition of programme planning of Nautical Science and Marine Engineering), courses of minimum 35 credits/hp cannot be given as credits transfer.

## 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 relevancy of the programme applied for, university courses, grades and study pace. Assessment 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.

Refer to section 1.3.8.

### Study Pace and Duration

Chalmers Admissions cannot guarantee full-time studies and can never beforehand state what the duration of studies will be at Chalmers.

## 4 Prior Learning and Validation of Engineering Programmes

### **Prior Learning is a Basis of Eligibility (within general entry requirements and/or specific entry requirements)**

Prior learning (PL) complements the formal qualifications (proven via grades from upper-secondary school or university) to a programme at a university.

Prior learning is the recognition of a person's accumulated competences (knowledge and experience) regardless of how, when and where it has been acquired. (UHR's definition in SOU 2018:29)

Eligibility via validation of prior learning on its own, is not a ground to be given a merit rating in any selection group.

### **Application to Assessment of Prior Learning**

1. A completed form\* for assessment of prior learning and the supporting documents shall be submitted at the account at [antagning.se/universityadmissions.se](http://antagning.se/universityadmissions.se) by the stipulated application deadline in the current application round. No later deadline for receipt of supporting documentation is applied.
2. Application is assessed against 1 or more programme alternatives that the applicant has applied for at [antagning.se/universityadmissions.se](http://antagning.se/universityadmissions.se).
3. Assessment is conducted by Chalmers Admissions and it is assessed always against a specific course or programme.
4. It is required to have a current application at [antagning.se/universityadmissions.se](http://antagning.se/universityadmissions.se).
5. No assessment of prior learning can be done when submitting a late application to Chalmers (in those cases where application is open after the ordinary application time in an application round) The application for assessment of prior learning will be deleted.

Read more on the application, application process, required documents and stipulated deadlines at [chalmers.se](http://chalmers.se).

\*) The form for application to assessment of prior learning (*Ansökan om bedömning av reell kompetens/att undantag görs*) is available at [antagning.se](http://antagning.se). An assessment of prior learning may still be conducted as part of the general assessment of qualifications, even when the form provided by UHR is missing.

### **Validation of Engineering Programmes**

If formal qualifications to begin an engineering programme is missing, an assessment on prior learning can be conducted for entry or to shorten the duration of studies. Read more on validation of engineering programmes at [chalmers.se](http://chalmers.se).

### **Validation of Assessment of Prior Learning on Language Skills will not be Evaluated by Chalmers**

Chalmers follows SUHF:s recommendation (REK 2009:2) on assessment of prior learning for general entry requirements except language requirements. It applies to both Swedish and English and both general and specific entry requirements. The applicant is referred to assessment centers or the recognised language tests, refer to [antagning.se](http://antagning.se).

### **No Preliminary Decision Outcome**

It is not possible to obtain an assessment of prior learning before an application to a specific programme alternative is registered at [antagning.se/universityadmissions.se](http://antagning.se/universityadmissions.se). Decision outcome is conveyed together with the notification of selection results.

## 5 Preparatory Course in Mathematics

By submitting an application, the applicant approves of personal data, student's information such as admission to programmes, credits and grades stored in the database of Ladok (the administration system for higher education in Sweden).

Chalmers offers a preparatory course in mathematics during spring and summer semesters with the objective to prepare students to continue their studies at the first cycle (bachelor's level) at Chalmers. It is an internet-based course.

### Application

Application consists of 3 components:

1. Create an account via the formula at the course's homepage - that gives access to the course materials.
2. An application must be made via *antagning.se* (with Chalmers course code) – to be able to get an admission to the course
3. Pass test 1a – in order to be registered to the course. \*

\*) The applicant must show participation at the course to be registered and the registration is done by the institution *Matematiska Vetenskaper*.

### Entry Requirements

To be eligible for the course, the applicant must fulfill the following:

- General entry requirements. (Refer to section 1.2.1)
- Specific entry requirement: Mathematics 4 with a minimum grade E  
or  
Mathematics D with a minimum grade G

### Selection

The number of study places is not limited. All qualified applicants are admitted.

Refer to section 1.3.8.

## 6 Learning and Leadership – Supplementary Study Programme at First Cycle (Bachelor’s Level) (full-time and part-time)

Learning and Leadership, supplementary study programme (KPLOL) comprises of 90cr/90hp. at first cycle (bachelor’s level). The programme leads to a Degree of Bachelor of Science in Upper Secondary Education with a specialization in teaching in the upper secondary school, 210cr/210hp. The programme is established according to decision Dnr C 2014-1334.

### Application

Application is done via *antagning.se*.

The application must be completed with a submission of a personal letter and the last day to submit the personal letter is on 1st of May. (observe that the deadline is subject to changes in the current application round). If the personal letter is not received by the stipulated deadline or received late, then the application will be deleted.

Refer to section 1.1.

### Entry Requirements

To be eligible for admission, the following requirements must be fulfilled:

- General entry requirements. (Refer to section 1.2.1)
- Specific entry requirements: 120cr/120hp. in one of the following subject areas: physics, chemistry, mathematics or engineering and 1 individual thesis of minimum 15 cr/hp.
- Personal letter
- A passed/successful personal interview

### Selection

An alternative selection is based on both a personal letter and a passed/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.

Refer to section 1.3.8.

## 7 Course Selection within a Programme for Programme Students at First and Second Cycle (Bachelor's and Master's Level)

### Application

Enrolled programme students shall submit their applications for course selections during the given time period for each academic year as stated in the regulations stipulated by Chalmers. Information on course selection within a programme is published at Chalmers The Student Portal and this is informed to relevant students.

Refer to decision Dnr C2020-1061 *Decision to Use NyA as a System for Course Selection* and decision Dnr C2020-1062 *Selection to Courses with Limited Study Places within the Foundation Year, First and Second Cycle (Bachelor's and Master's Level)*

### Entry Requirements

#### Foundation Level

Courses at the foundation level can only be applied by students at the foundation level. Students at the Foundation Year (*Tekniskt basår*) can only apply for courses in their programme plan.

#### First Cycle (Bachelor's Level)

Courses that belong to a programme at first cycle (bachelor's level) can be applied by students who do not have those courses in their programme plans according to decision Dnr C2020-1374 *Control of Prior Knowledge and Overlapping Courses for Students at Chalmers who Choose Courses that are not Included in the Programme Plan*. Entry requirements to a course with the language of instruction, Swedish is Swedish 3 or equivalent with exception for courses at the first cycle (bachelor's level) that are included in the programme plan for master's programmes. (the language instruction is English)

#### Second Cycle (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 9.2 Entry Requirements for Second Cycle (Master's Level) \*. If there are specific entry requirements for a certain course, then these are stated in the syllabus of the course. It is the student's own responsibility to check that he/she fulfils both the general and specific entry requirements of the course.

Refer to decision Dnr C 2008-1218 *Abolishment of Control of Prior Knowledge and Overlapping Courses for Master's Students at Chalmers who Choose Courses that are not Included in the Programme Plan*.

Courses at second cycle (master's level) can only be applied by students from a master's programme with exception when the course is included in the programme plan for the student from a programme at first cycle (bachelor's level)

The exception is also applicable for a student from a programme at first cycle (bachelor's level) after seeking approval from the student guidance counsellor or the director of studies, with individual study plans before the next admission to a master's programme. Refer to decision Dnr C2020-1374.

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

### Selection

For information on notification of selection of results, refer to section 1.3.8.

#### Foundation Level

Selection is according to the priority regulations within the selection groups.

Refer to decision Dnr C2020-1062 *Selection to Courses with Limited Study Places within the Foundation Year, First and Second Cycle (Bachelor's and Master's Level)*.



**First Cycle (Bachelor's Level)**

Students who have the course as a compulsory in their programme plans will always have guaranteed study places to the course. If there is a limited number of study places, then the priority is given to students who have the course as compulsory in the programme plans and the next priority is to those who have the course as compulsory elective courses in their programme plans. Refer to decision Dnr C2020-1062. Courses at the first cycle (bachelor's level) are open for application from all bachelor's programmes with exceptions for some courses that are only open for students are enrolled at a certain programme\*\* and this is stated in the syllabus under the section specific requirements.

**Second Cycle (Master's Level)**

Students who have the course as a compulsory in their programme plans will always have guaranteed study places to the course. If there is a limited number of study places, then the priority is given to students who have the course as compulsory in the programme plans and the next priority is to those who have the course as compulsory elective courses in their programme plans. Refer to decision Dnr C2020-1062. Courses at the second cycle (master's level) are open for application from all the master's programmes with exceptions for some courses that are only open for students are enrolled at a certain programme\*\* and this is stated in the syllabus under the section specific requirements.

\*\*) Refer to section 13 *Restrictions of Access to Single Subject Course or Programme at Foundation Year, First and Second Cycle (Bachelor's and Master's Level)*

## 8 Single Subject Courses for Working Professionals at First and Second Cycle (Bachelor's and Master's Level)

### Application

By submitting an application, the applicant approves of personal data, student's information such as admission to programmes, credits and grades stored in the database of Ladok (the administration system for higher education in Sweden).

Application is done through [antagning.se/universityadmissions.se](http://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 must be supplemented by a document in which the applicant states clearly the course name (s) and course code (s) as well as supporting documentation proving the prerequisites academic merits must be submitted no later than the last date of application.

As the application is done via [antagning.se](http://antagning.se) only with an application code, it is important to specify the exact course code (s) and course name (s) in the supporting documentation. Without the supporting documentation, the application is incomplete, and it is invalid.

The maximum number of courses that can be included in the application (supporting documentation) is 12. If more than 12 courses are included in the supporting documentation, then the extra courses after the 12<sup>th</sup> one will be deleted.

Refer to section 1.1 and 9.1.

### Restrictions of Courses Offered

The number of study places is limited per course. Take note that courses that are offered at first cycle (bachelor's level) in year 1, are limited and high in demand. Refer to Selection below.

A bachelor's thesis\*/degree project which is the final component of a 3 years degree of Bachelor of Science, Degree of Bachelor of Science in Engineering or a shipping programme at Chalmers is not offered as a single subject course for working professionals.

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

### Entry Requirements

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 not be related to the applicant's educational profile.
- An academic degree that is equivalent to a Swedish bachelor's degree (Swedish *kandidatexamen*, 180hp and *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 level) course is owned by a first cycle (bachelor's level) programme, then the second cycle (master's level) entry requirements and any specific course requirements are applicable here.

\*) Work professional experiences must meet at least half-time job and a work certificate (not the letter of appointment) from the employer is required to ascertain the work task, working hours and length of appointment.

Refer to section 1.2.1, 9.2.1 and 13.

## Selection

Qualified applicants can be admitted to a maximum of 30cr/*hp.* per semester. In the event of competition for study places, a selection is based on the decision Dnr C2020-1062 *Selection to Courses with Limited Study Places within the Foundation Year, First and Second Cycle (Bachelor's and Master's Level)*

Refer to section 1.3.8.

## 9 Second Cycle (Master's Level)

This section of the admission regulations depicts rules for application, entry requirements and selection in the admission process for second cycle (master's level) programmes.

Refer to section 13 *Restrictions of Access to Single Subject Course or Programme at Foundation Year, First and Second Cycle (Bachelor's and Master's Level)*

### 9.1 Application for Second Cycle (Master's Level)

By submitting an application, the applicant approves of personal data, student's information such as admission to programmes, credits and grades stored in the database of Ladok (the administration system for higher education in Sweden).

Applications to Chalmers University of Technology 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 [antagning.se/universityadmissions.se](http://antagning.se/universityadmissions.se), and a complete application shall include all the mandatory required documents by Chalmers.

Refer to section 9.1.1.

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

Chalmers does not make any pre-assessments of eligibility or the possibility of getting an admission. There is no priority in application to second cycle (master's level) programmes. This applies to all applicants including incoming exchange students whom are reading courses at second cycle (master's level) and Chalmers' own students who follow individual plans (do not have an admission to a master's programme).

#### Degrees which are constructed on one another cannot consist the same courses

Applicants who fulfill the general entry requirements for second cycle (master's level) programmes and eventually specific entry requirements can be admitted to a master's programme. Applicants cannot be evaluated as unqualified in the qualifying academic merits which include courses from the programme's plan in those programmes that they have applied for, if that occurs.

Courses included in an awarded first cycle (bachelor's level) degree or professional qualification of at least 180cr/180hp or the equivalent foreign qualification that are prerequisites for master's qualifications cannot not be included in the higher qualifications. This also applies to prerequisite courses for master's programmes, regardless of whether they are included in the underlying qualification. \*

\*) *Local System of Qualifications at Chalmers University of Technology* (Refer to decision Dnr C2018-1487)

#### Late application

Refer to section 1.1.1.

#### 9.1.1 Required Documents

The list below applies to all applicants including those with a Swedish personal identity number and/or Swedish citizenship. For an application to be processed, all mandatory documents must be submitted. The list is specific to Chalmers and further instructions for each document can be found at [chalmers.se](http://chalmers.se).

1. Certificates and diplomas from previous university studies (students who are enrolled in their final year of bachelor's studies are required to submit an official document that certifies the participation of last year of studies) (refer to section 9.1.2 and 9.2.1)
2. Transcripts of completed courses and grades\*
3. Proof of English language proficiency

4. Documents that prove the applicant meets the specific entry requirements. Applicants are responsible for proving that they fulfill the specific entry requirements by submitting a course description/syllabus and learning objectives for all the specific entry requirements. The course description/syllabus must be provided in either Swedish or English. If a translation is done, then the original language of the course description/syllabus must also be submitted. Refer to 9.1.3.
5. Relevant pages of the applicant's passport or other valid ID, for the determination of fee status. Applicants who have a Swedish personal identity number (*personnummer*) will be checked electronically with various Swedish government authorities' databases to determine if they are required to pay an application fee.
6. Curriculum Vitae (CV)
7. Project portfolio; a mandatory requirement for MPARC, MPDSD and MPDES.
8. 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 the applicant's personal account at [antagning.se/universityadmissions.se](http://antagning.se/universityadmissions.se).
9. Certificate of relevant work experience (optional)
10. Letter of recommendation (optional)
11. Certificate of cumulative grade point average (i.e. CGPA) (optional)

\*) Academic merits/passed courses from Swedish universities

A print out of the transcript is not required to be uploaded at the account if an applicant's academic merits/ passed courses are registered under identical Swedish personal identity number (*personnummer*) or interim number and is used both in the administration system for higher education (Ladok) and at [antagning.se/universityadmissions.se](http://antagning.se/universityadmissions.se) when the application is submitted. Only applicants applying via [antagning.se](http://antagning.se) can check their academic merits transferred from Ladok, by themselves.

Without identical ID at [antagning.se/universityadmissions.se](http://antagning.se/universityadmissions.se), it means that no academic merits are transferred from Ladok and in this case, the applicant must upload the academic merits by the stipulated deadline. Older Swedish academic merits are not registered by default in Ladok and the applicant must always check if the academic merits are registered at [antagning.se](http://antagning.se). If otherwise, academic transcripts and degree/diploma must be uploaded by the stipulated deadline.

The deadline for supporting documentation applies to all academic merits (academic merits must have been obtained, latest by the stipulated deadline and Chalmers Admissions checks the registered academic merits in Ladok up until 20 February)

### 9.1.2 Documenting Your Eligibility for Studies

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.

Refer to section 9.1.1 och 9.1.3.

A student at Chalmers must be able 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 and for the application of degree certificate.

### 9.1.3 Translation of Documents

From autumn intake HT2020, Chalmers applies the same regulations as stipulated by the official UHR guidelines for the documents that are submitted in accordance to support the application in either Swedish or English language. This regulation applies to all other required documents by Chalmers as well. If the original document is issued in another language, then the translation of the original document must be submitted.

## 9.2 Entry Requirements for Second Cycle (Master's Level)

The scope of an education is expressed in credits or *högskolepoäng* (*hp*). A regular 40-week academic year corresponds to 60 credits/*hp* of full-time studies. (1 semester is equivalent to 30cr/*hp*). One (1) credit/*hp* is equivalent to one (1) ECTS credit.

## 9.2.1 General Entry Requirements for Second Cycle (Master's Level)

To be eligible for entry at second cycle (master's level), the prospective student must hold a Degree of Bachelor or Degree of Bachelor of Science in Engineering (minimum 3 years/ 180hp) in Science, Engineering, Technology or Architecture from an internationally recognized university, according to the official guidelines by UHR.

The master's programme, 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) according to the regulations stated by UHR. Exceptions are accepted for some educational programmes (300cr/(hp)/5years) where the Swedish university does not issue an intermediate Degree of Bachelor (example 3/5 years of a Degree of Master of Science in Engineering at some universities and 3/5 years of a Degree of Master of Architecture). Applicants must provide documents to prove this status.

### For Applicants in Their Final Year of Bachelor's Studies - All Countries including Sweden

An applicant enrolled in his/her final year of his/her bachelor's studies that is equivalent to a Swedish *kandidatexamen*, (180hp/3 years) 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 who is enrolled in a Swedish first cycle (bachelor's level) programme as above, fulfils the general entry requirements, if the applicant has completed a minimum of 150cr out of 180cr (150hp/180hp) within his/her present programme by the deadline for receipt of supporting documents, and provided that a certificate of on-going studies which leads to an expected degree has been submitted.

### Chalmers Admissions Round (to Second Cycle (Master's Level))

It applies the same to students who are enrolled in a first cycle (bachelor's level) programme at Chalmers and apply to the second cycle (master's level) programmes in a separate admission round.

The student must have successfully completed a minimum of 150cr/150hp within the current bachelor's programme, by the deadline for receipt of supporting documents. A bachelor's thesis/degree project \* must be either completed or there must be a course registration in the current semester in Ladok. The requirement for certificate is abolished.

\*) Exception from the requirement of a bachelor's thesis/degree project may be given to students at Chalmers who began their studies at first cycle (bachelor's level) before the autumn semester 2004. Exception is granted only if the applicant has a total corresponding to 180cr/180hp within his/her present bachelor's programme.

### Prior Learning

Chalmers may assess relevant knowledge and experience as equivalent to academic learning for an applicant who lacks formal academic qualifications, against the applied education alternative if relevant documents are submitted before the application deadline.

Refer to section 4.

## 9.2.2 Specific Entry Requirements for Second Cycle (All Master's 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 second cycle (master's level) programmes. Exception from this requirement may be granted 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 Proficiency**

All applicants must certify their English language proficiency according to the regulations as stipulated by UHR (refer to Qualification Assessment Manual). The requirement is English 6, with the minimum pass grade E or equivalent. The requirement for programmes where Swedish is the language of instruction, is Swedish 3 or equivalent.

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

A course syllabus is mandatory for every specific entry requirement. \*

Applicants are responsible for proving that they fulfil the specific entry requirements of the programme (s), to which they have applied for. The course description and learning objectives of the courses must be clearly conveyed. The document must be issued or published by the university. These requirements also apply for *Massive Open Online Courses*, known as MOOC.

Refer to 9.1.1, 9.1.3 and 9.2.3.

\*) A few master's programmes do not have specific entry requirements; for example, only general entry requirements (MPDCM) or alternative selection with several criterion (MPBDP).

## **9.2.3 Specific Entry Requirements for Second Cycle (Master's Level) - Majors and Programme-Specific Entry Requirements for Each Master's Programme**

### **Applied Mechanics (MPAME)**

*Bachelor's degree (or equivalent) 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 (FEM), 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 (or equivalent) with a major in:* Architecture, Architecture and Engineering, Interior Architecture, Landscape Architecture, Spatial Planning or Urban Design

*Prerequisites:*

- Courses taken within architecture and/or urban design subjects, that together fulfil a minimum of 50% of credits in the degree
- Courses in project design work within architecture, Landscape Architecture or Urban Design that together fulfil a minimum of 30% of credits in the degree
- A portfolio demonstrating the student's progression and a documented proficiency in spatially contextualized work within architectural design, interior design, landscape design and/or urban design. The portfolio should contain a minimum of 3 projects from preferably academic and individual work - and reflecting on the student's contribution in the teamwork process in the case of projects made in group. In each project it is recommended to present the process, the methodology and the results.

*Alternative selection:* Refer to section 9.3

### **Architecture and Urban Design (MPARC)**

*Bachelor's degree (or equivalent) with a major in:* Architecture, Architecture and Engineering, Interior Architecture, Landscape Architecture, Spatial Planning or Urban Design

*Prerequisites:*

- Courses taken within architecture and/or urban design subjects, that together fulfil a minimum of 50% of credits in the degree
- Courses in project design work within architecture, Landscape Architecture or Urban Design that together fulfil a minimum of 30% of credits in the degree

- A portfolio demonstrating the student's progression and a documented proficiency in spatially contextualized work within architectural design, interior design, landscape design and/or urban design. The portfolio should contain a minimum of 3 projects from preferably academic and individual work - and reflecting on the student's contribution in the teamwork process in the case of projects made in group. In each project it is recommended to present the process, the methodology and the results.

*Alternative selection:* Refer to section 9.3

### **Biomedical Engineering (MPBME)**

*Bachelor's degree (or equivalent) 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 (or equivalent) 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 additional Bioscience (at least 7,5 cr. e.g. biochemistry, biotechnology, microbiology, cell biology, genetics and/or physiology)

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

### **Communication Engineering (MPCOM)**

*Bachelor's degree (or equivalent) 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 (or equivalent) 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 (or equivalent) 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 (or equivalent) 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.)

*Preferable course experience:* Finite Automata Theory and Formal Languages, Mathematical Modelling and Problem Solving, Functional Programming, Machine-Oriented Programming, Development for Embedded Systems

### **Data Science and AI (MPDSC)**

*Bachelor's degree (or equivalent) with a major in:* Engineering, Technology, Science or Mathematics



*Prerequisites:* Mathematics (at least 30cr., 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 (or equivalent) with a major in:* Civil Engineering, Building Engineering, Architecture, Architecture and Engineering, Landscape Architecture, Urban Planning, Surveying or Industrial Engineering and Management

#### **Embedded Electronic System Design (MPEES)**

*Bachelor's degree (or equivalent) 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 (or equivalent) with a major in:* Engineering Physics, Physics, Mathematics or an Engineering Discipline

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

#### **Entrepreneurship and Business Design (MPBDP)**

*Bachelor's degree (or equivalent) with a major in:* Engineering, Science, Business, Law, Design or the equivalent

*Prerequisites:* A personal letter, CV and an interview

*Alternative selection:* Refer to section 9.3

#### **High-Performance Computer Systems (MPHPC)**

*Bachelor's degree (or equivalent) 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.)

*Preferable course experience:* Basic Computer Organization, Machine-Oriented Programming, Principles of Concurrent Programming, Mathematical Modelling and Problem Solving

#### **Industrial Design Engineering (MPDES)**

*Bachelor's degree (or equivalent) 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) and 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 9.3

#### **Industrial Ecology (MPTSE)**

*Bachelor's degree (or equivalent) 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 (or equivalent) 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 (or equivalent) 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 (or equivalent) 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 (or equivalent) 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 9.3

*Language of instruction:* Swedish

### **Management and Economics of Innovation (MPMEI)**

*Bachelor's degree (or equivalent) 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: 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 (or equivalent) 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 (or equivalent) with a major in:* Chemical Engineering, Chemistry or Bioengineering

*Prerequisites:* Mathematics (at least 30cr. 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 (or equivalent) 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, Multivariable Analysis, Numerical Analysis and Mathematical Statistics or Probability Theory), Metals, Polymers, Thermodynamics and Strength of Materials or Solid Mechanics.

### **Mobility Engineering (MPMOB)**

*Bachelor's degree (or equivalent) with a major in:* Automation and mechatronic, Electrical Engineering, Vehicle Engineering, Automotive Engineering, Materials Engineering, Aerospace Engineering, Civil Engineering, Marine Technology, Industrial Design Engineering, Engineering Physics, Engineering Mathematics or Mechanical Engineering

*Prerequisites:* Mathematics (at least 30 cr. including Linear Algebra, Multivariable Analysis, Numerical Analysis and Mathematical Statistics or Probability Theory), Mechanics (Statics and Dynamics), Fluid Mechanics, Programming, Strength of Materials, Product Development (Machine Elements, Machine Design or Design Methodology), Control Theory or Automatic Control (including Signal Processing, Analysis of Feedback Systems (Stability), Design of Control Systems (PI, PID-control, State Space Design), Transfer Functions)

### **Nanotechnology (MPNAT)**

*Bachelor's degree (or equivalent) 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.

### **Physics (MPPHS)**

*Bachelor's degree (or equivalent) 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 (or equivalent) 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 (or equivalent) 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 (or equivalent) 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 (or equivalent) 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 (or equivalent) with a major in:* Architecture and Engineering, Civil Engineering, Electrical Engineering, Engineering Mathematics, Mechanical Engineering, Physics

*Prerequisites:* Mathematics (10 cr.)

### **Structural Engineering and Building Technology (MPSEB)**

*Bachelor's degree (or equivalent) with a major in:* Architecture and Engineering or Civil Engineering

*Prerequisites:* Mathematics (at least 24 cr. including Linear Algebra, Multivariable Analysis and Mathematical Statistics), Mechanics, Solid Mechanics, Structural Mechanics, Heat and Mass Transfer in Building Materials, Building Materials, Structural Engineering for Steel, Timber and Concrete Structures

### **Supply Chain Management (MPSCM)**

*Bachelor's degree (or equivalent) 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 fulfill 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 Electric Power Engineering and Electromobility (MPEPO)**

*Bachelor's degree (or equivalent) 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

### **Sustainable Energy Systems (MPSES)**

*Bachelor's degree (or equivalent) with a major in:* Mechanical Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Energy Engineering, 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 (at least 5 cr.), Heat Transfer, Fluid Dynamics

*Preferable course experience:* Basic Environmental Science

### **Systems, Control and Mechatronics (MPSYS)**

*Bachelor's degree (or equivalent) 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 (or equivalent) 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

## **9.3 Selection for Second Cycle (Master's Level)**

An overall assessment of qualifications is made for eligible applicants. The selection is based primarily on academic qualifications of all passed credits that are equivalent to a Swedish *kandidatexamen*, (180hp). A merit rating may also be based on verified and relevant work experience, CV, letters of recommendations 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.

Fee paying and non-fee-paying applicants compete in different selection groups in the same admission round. Students currently enrolled in or hold a completed bachelor's degree (or equivalent) from Chalmers compete in a separate admission round; known as Chalmers' admission round. See below.

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.

Applicants with late applications compete in a separate selection group and selection round is based on the chronological date of application.

Refer to section 1.1.1.

#### **Alternative Selection for External Applicants (Admission Round in January) for the Following Master's Programmes**

Architecture and Planning Beyond Sustainability (MPDSD)

Architecture and Urban Design (MPARC)

Industrial Design Engineering (MPDES)

Specific entry requirements: Courses and portfolio; refer to section 9.2.3.

Instructions for uploading the portfolio is stated at [chalmers.se/en](http://chalmers.se/en). (under *Required documents*)

Entrepreneurship and Business Design (MPBDP)

Selection criteria is based on a personal letter, a CV and an interview.

Instructions for alternative selection criteria is stated at the master's programme's homepage, [chalmers.se/en](http://chalmers.se/en) (under *Master's programmes*).

Learning and Leadership (MPLOL)

Specific entry requirements (refer to section 9.2.3) and selection criteria is based on a personal letter and an interview.

#### **Alternative Selection for Chalmers' Students /Internal Applicants (Admission Round in April) for the Following Master's Programmes**

Industrial Design Engineering (MPDES)

According to document *Course Codes, Accreditations and Priority (Guaranteed Study Places)* for internal Chalmers admission round.

Entrepreneurship and Business Design (MPBDP)

Selection criteria is based on a personal letter, a CV and an interview.

Instructions for alternative selection criteria is stated at the master's programme's homepage, [chalmers.se/en](http://chalmers.se/en) (under *Master's programmes*).

Learning and Leadership (MPLOL)

Specific entry requirements (refer to section 9.2.3) and selection criteria is based on a personal letter and an interview.

#### **Selection and Distribution of Study Places Chalmers' Students (Chalmers' Admission Round in April)**

There is a separate admission round applicable only for bachelor's students who are either currently enrolled in or hold a completed bachelor's degree (or equivalent) from Chalmers. Eligible students will be given admissions in accordance with a document known as *Course Codes, Accreditations and Priority (Guaranteed Study Places)* for the internal Chalmers' selection round/ *Chalmersvalet*. (known as appendix previously)

Applicants with late applications compete in a separate selection group and selection round is based on the chronological date of application.

Refer to section 1.1.1.

#### **Change of Fee Status from Fee-Paying to Non-Fee Paying**

If an admitted applicant changes his/her fee status after the notification of selection results, he/she will be able to keep the study place, under the condition that all the requirements according to *Chalmers Regulations for Payment of Tuition Fees* are fulfilled. New documents that support the applicant's conditions that allow him/her to be non-fee paying must be submitted to Chalmers Admissions before the start of semester. Decision on the change of fee status is determined by the head of office admissions and degrees and the decision will be informed to the applicant. After the start of semester, then the tuition fees paid will be forfeited and evaluation of the status will only be determined in the following semester, by another department known as tuition fees at Chalmers.

### **Notification of Selection Results**

The notification of selection results is valid as a Chalmers decision, either from UHR ([antagning.se/universityadmissions.se](http://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 deleted. If the applicant is deleted based on not fulfilling the specific entry requirements for a programme, then the reason is stated on the notification of selection results. The notification of selection results that is published by UHR is accessible on the applicant's user account.

A fee-paying applicant is considered conditionally admitted until the tuition fee has been paid in full. A fee-paying applicant who has not paid or does not pay within the stipulated time frame does not fulfil the conditions for admission.

In this case, the offered study place will be revoked.

Refer to section 9.3 and 13.

In the event of a reserve admission, it is usually available close to the course/semester start. It is important that the applicant will be able to commence his/her studies at a very short notice. When Chalmers offers a study place, applicants are generally expected to give an immediate reply or a limited time to respond to an offered study place when they are contacted by email or telephone. It is generally a time frame of 24 hours. If there is no response within the timeframe, then the offer of study place will be revoked.

### **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 be 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](http://universityadmissions.se/antagning.se) is irreversible.

# 10 Transfer in the Second Cycle, Transfer to Another Master's Programme during the First Semester of the First Year

## Application

Application is done according to the time period and regulations as stipulated by Chalmers.

## Entry Requirements

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

- The student is enrolled in year one (1) of a master's programme at Chalmers.
- All general and specific entry requirements are fulfilled. Refer to section 9.2.1 and 9.2.2.

## Selection

- If there is no study place available, then qualified applicants cannot be admitted due to lack of study places.
- If there is a competition of study places, then the distribution of study places will be in the order of the highest CGPA/grade point average (including evaluation of portfolio for those programmes, with portfolio as one of the specific entry requirements). If two or more applicants have the same CGPA/grade point average, then a casting of lots is used.
- Qualified applicants who are offered study places, must reply to the offer within the time frame given. No reply from the student would mean the student declines the offer and the offer of study place will be deleted.

# 11 Thesis 30-60cr/*hp*, as a Single Subject Course for External Students – Second Cycle (Master’s Level)

## Application

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

## Entry Requirements

### General Entry Requirements for Second Cycle (Master’s Level) Programmes

Refer to section 9.2.1

### English Language Proficiency

English 6 or equivalent.

### Specific Requirements

The applicant must be registered at a master’s programme and must have completed a minimum of 45cr/*hp* at second cycle (master’s level). The project plan for thesis must have been approved by an examiner at Chalmers.

Refer to section 13 *Restrictions of Access to Single Subject Course or Programme at Foundation Year, First and Second Cycle (Bachelor’s and Master’s Level)*

## Selection

Qualified applicants are admitted.



## 12 Single Subject Courses

### 12.1 Single Subject Courses

#### Application

By submitting an application, the applicant approves of personal data, student's information such as admission to programmes, credits and grades stored in the database of Ladok (the administration system for higher education in Sweden).

Application can only be done via *antagning.se* before summer semester, spring semester and autumn semester. Refer to decision Dnr C2020-1412.

#### Entry Requirements

**For courses at first cycle (bachelor's level),** general entry requirements (refer to section 1.2.1) and specific entry requirements must be fulfilled.

**For courses at second cycle (master's level),** a higher education qualification /degree that is equivalent to a Swedish *kandidatexamen*, (180hp/3 years) in a non-specified disciplinary domain or completed courses of a total 180hp in a non-specified disciplinary domain. Specific entry requirements: English 6 and any specific course requirements such as completed courses, diploma degree and/or total completed credits (*högskolepoäng (hp)*) within a major or subject.

Refer to section 1.2, 9.2.1 and 13.

#### Selection

Qualified applicants can be admitted to a maximum of 45cr/hp per semester. If there are more qualified applicants than the number of study places available at a programme, then a selection is applicable. Selection criteria varies depending on the course.

##### **Course at First Cycle (Bachelor's Level) without Entry Requirements on Academic Merits**

Same requirements as first cycle programmes, refer to section 1.3.

##### **Course at First Cycle (Bachelor's Level) with Entry Requirements on Academic Merits**

Selection is based from completed credits that are registered in Ladok by the stipulated deadline and up to 180 credits(hp) If a course is open for late application, the study place is distributed in accordance to the chronological date of application. If two or more applicants have the same merit rating (credits/hp and date), then a casting of lots is used.

##### **Course at Second Cycle (Master's Level)**

Selection is based from completed credits that are registered in Ladok by the stipulated deadline and up to 300 credits(hp) If a course is open for late application, the study place is distributed in accordance to the chronological date of application. If two or more applicants have the same merit rating (credits/hp and date), then a casting of lots is used

Refer to section 1.3, 1.3.8, 9.3 and 13.

#### 12.1.1 Notification of Selection Results and Reply to the Offer

A reply to the offered study place/reserve (on waiting list) 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 2nd selection round. If the applicant declines an offer of a study place, notifies a cancellation, 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 *antagning.se*, it is definite and irreversible.

## 12.2 Single Subject Courses for Chalmers Alumni

Single subject courses at first and second cycle (bachelor's and master's level) can be offered to applicants with a bachelor's degree from Chalmers.

Refer to decision Dnr C2016-0668.

Single subject course for the next academic semester can also be applied by alumni via *Single Subject Courses for Working Professionals (VFY)*, refer to section 8.

Single subject course that are published at *antagning.se* for summer semester, spring semester and autumn semester can also be applied by alumni. Refer to section 12.1.

### Application

Application shall be submitted within the time frame and according to the instructions provided by Chalmers.

Application to single subject courses for alumni is restricted to the study period (*läsperiod*) (one (1) that is about to begin, and not for the following study periods.

### Restrictions

Language courses are offered to admitted programme students at Chalmers via the partnership with GU (*Fackspråk*).

Therefore, 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 3-year Degree of Bachelor, Degree of Bachelor of Science in Engineering or Degree of Bachelor of Science in Marine Engineering programmes at Chalmers are not offered as single subject course for alumni.

\*) The exception is architects and civil engineers with a diploma degree awarded by Chalmers before 2004 (graduation after 4.5years/270cr/hp) 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/hp Degree of Master of Architecture or Degree of Master of Science in Engineering.

### Entry Requirements

The applicant must possess a higher education qualification /degree obtained at first cycle (bachelor's level) from Chalmers.

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

(If the second cycle (master's level) course is owned by a first cycle (bachelor's level) programme, then the second cycle (master's level) entry requirements and any specific entry requirements must also be fulfilled.)

### Restriction

Applicants with a Master's Degree (advanced level) only from Chalmers do not fulfill the entry requirements.

Refer to section 1.2, 9.2.1 and 13.

### 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/hp for one (1) study period. If an applicant is qualified to more than 15cr/hp, 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, 1.3.8 and 9.3.

## 13 Restrictions of Access to Single Subject Course or Programme at Foundation Year, First and Second Cycle (Bachelor's and Master's Level)

### **Admission to a New Programme at the Same Education Level Means that an Interruption of Studies/Non-Completion of Studies must be Registered on the Previous Education Programme**

Admission to a programme at Chalmers where the student has already an admission and is registered at a programme at the same education level, i.e. at bachelor's level (degree of bachelor and degree of Bachelor of Science in Engineering) or Master's level (master's programme) so shall an interruption of studies/non-completion of studies be registered at the previous education programme or a cancellation on the new programme.

A student shall not be registered at two (2) programmes at the same education level under the same semester.

Exception can be applied for a student at Deck Officer and Engineer Officer Class VII (60cr) *Sjöbefäl klass VII (60hp)*, as this education alternative is not defined as a programme. The said student is not restricted to this rule and can have an ongoing studies at the education alternative and another programme alternative regardless of education cycle.

Refer to decision Dnr C2020-0452 *Guidelines for Study Administrative Routines in Course Selection and Registration* (policy document)

Refer to decision Dnr C 2020-1528 *Registration at two (2) programmes at the Same Education Cycle is not Allowed*

### **Completed Education Programme or a Completed Course**

Chalmers does not grant admission again to the same programme or single subject course for an applicant who has completed the education programme or a course.

It is technically possible that for an applicant to apply and get admitted to the same programme or a course,

Usually, the applicant is blocked before the selection round, and in those cases that the application codes are new and allow admission, but the applicant is not allowed to begin the studies.

### **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 (both single subject courses and programmes) have been paid in full. Payment deadlines are stipulated at Chalmers website. A fee-paying applicant who has not paid or does not pay within the stipulated time frame does not fulfil the conditions for admission. In this case, the offer of study place will be revoked.

### **Restrictions for Citizens from the Democratic People's Republic of Korea (North Korea)**

Chalmers cannot admit applicants with citizenship of the Democratic People's Republic of Korea only to any programme or single subject course, due to the Council Regulation (EU) 2017/2062 of 13 November 2017 amending Regulation (EU) 2017/1509 concerning restrictive measures against the Democratic People's Republic of Korea and repealing Regulation (EC) 329/2007.

### **Courses for PhD Students**

Admission regulations does not consist courses for PhD students/research fellows from Chalmers. Doctoral students are admitted to one of the research schools and shall contact their head supervisor for information on their courses. Contact support for general questions about doctoral studies at Chalmers is [doctoralstudies@chalmers.se](mailto:doctoralstudies@chalmers.se).

Doctoral students /research fellows from other universities can apply for single-subject courses for working professionals. Refer to section 8.

## 14 Deferment of Studies to the Next Academic Year for Foundation Year, First and Second Cycle (Bachelor's and Master's Level)

Chalmers applies mandatory online registration in Ladok from autumn semester 2018. The admitted applicant is responsible to register for the courses within the programme within the stipulated deadline and according to the regulations as stipulated by Chalmers. The offer of study place is revoked if registration is not done within the stipulated deadline. Postponed of enrolment with registration cannot be approved.

### 14.1 Conditions for Deferment of Studies to the Next Academic Year

#### 1. A deferment of studies to the next academic year can be approved under certain circumstances.

An admitted applicant has the possibility to defer his/her start of studies to the next academic year under certain circumstances. Chalmers Admissions will evaluate the circumstances and a deferment can be approved for one academic year only.

Such certain circumstances can be of social, medical conditions 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 approved a deferment of studies.

Deferment of studies can be approved 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 valid circumstance may be if the employee's right of entitlement to leave for education purposes (act 1974:981) is postponed by the employer further than the first day of the first semester of a new programme. A deferment can be approved on the condition that the applicant applies for a leave for educational purposes right after the publication of the Notification of Selection Results. The employer must confirm this in writing.

#### 2. Deferment of Studies is Not Approved under the Following Circumstances

- If the application is submitted too late. Deferment of studies cannot be approved 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 approved. Refer to section 9.1 and 13.
- Chalmers does not approve any deferment of studies to circumstances such as volunteer service, internships or reasons pertaining to accommodation/housing and economic situation.

### 14.2 Application for Deferment of Studies for Foundation Year and First Cycle (Bachelor's Level)

The application for deferment of studies must be sent by email to Chalmers Registrar; once the valid reason is established and before the deadline of the mandatory online registration\*.

The reason for not being able to begin the studies in the first semester of the new programme must be certified with valid documents. The application of deferment of studies is evaluated by Chalmers Admissions and the decision will be sent by email.

\*) Chalmers applies mandatory online registration in Ladok from autumn semester 2018. Registration period is determined before every new academic year. Registration period closes approximately 2 weeks before the start of semester for those who are admitted to Foundation Year and first cycle (bachelor's level) programmes (180cr/hp and 300cr/hp programmes and Deck Officer and Engineer Officer Class VII 60cr/*Sjöbefäl klass VII 60hp*)

In the event of an offer of admission when on waiting list (reserve), the applicant must send in the application of deferment of studies directly together with the yes-reply on the offer of admission.

### **14.3 Application for Deferment of Studies for Second Cycle (Master's Level)**

The application for deferment of studies must be sent by email to Chalmers Registrar; once the valid reason is established and before the first day of the semester\*\*.

The reason for not being able to begin the studies in the first semester of the new programme must be certified with valid documents. The application of deferment of studies is evaluated by Chalmers Admissions and the decision will be sent by email.

\*\*\*) Chalmers applies mandatory online registration in Ladok from autumn semester 2018. Registration period is determined before every new academic year. Registration period closes on the 1<sup>st</sup> day of the first semester for those who are admitted to second cycle (master's level) programmes.

In the event of an offer of admission when on waiting list (reserve), the applicant must send in the application of deferment of studies directly together with the yes-reply on the offer of admission.

### **14.4 Re-application to Claim the Study Place in the Next Academic Year (the Approved Deferment of Studies is Conditional)**

To begin the studies (claim the study place) it is required to re-apply to the same programme at [universityadmissions.se/antagning.se](http://universityadmissions.se/antagning.se). Other conditions such as the applicant must contact Chalmers Admissions via email is also stated in the deferment decision. The copy of the deferment decision must be submitted at the account at the time of the new application at [universityadmissions.se/antagning.se](http://universityadmissions.se/antagning.se) and it must be submitted by the deadline of application.

An applicant who has been given an approval for a deferment of studies cannot begin his/her studies (claim his/her study place) during the deferment period without any justifiable valid reason and only if there is available study place.

Refer to decision Dnr C2019-1218 *Regulations for Claiming your Study Place*.

## 15 Appeals for Foundation Year, First and Second Cycle (Bachelor's and Master's Level)

A decision from Chalmers Admissions allows an applicant the right to file an appeal against the decision by Chalmers Admissions such as the following:

- General and/or specific entry requirements of the programme applied for
- A deferment of studies that was not granted

The following reasons are not eligible for appeals: incomplete application, required documents that are not submitted, documents are submitted after the deadline of supporting documentation, merit ratings, reserves (and order on the reserve list)

### **Appeals must be Submitted to Chalmers within Three (3) Weeks**

The appeal shall be made in writing and shall be received by Chalmers Registrar no later than three (3) weeks after the notification of the selection results/decisions have been announced. The appeal must state clearly what the decision is and on which grounds that the decision should be rectify and personal information of the complainant must be stated clearly.

When such an appeal 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 appeal shall be referred to the committee mentioned in the Disciplinary Statute for students at Chalmers University of Technology AB. Rules for appeals are found in Chalmers *Rules of Procedure for Undergraduate Programmes*.

## **16 Cancellation of Programmes in Foundation Year, First and Second Cycle (Bachelor's and Master's Level)**

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 at *antagning.se/universityadmissions.se* 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 completed.

Prospective/related applicants will be informed by Chalmers Admissions.