

Regulation Selection Criteria and Procedure

for the bachelor programme Aerospace Engineering 2024-2025

The Dean of the Faculty of Aerospace Engineering establishes the following regulation, respecting the TU Delft Selection and Placement Regulations of the Executive Board and after advice of the Faculty Student Council of the Faculty of Aerospace Engineering.

1. General regulations

- I. A candidate may participate up to 3 times in the selection procedure of the bachelor programme Aerospace Engineering. A candidate can only participate once per academic year.
- II. The obtained ranking number is only valid during the selection and admission procedure preceding that specific academic year. It is not possible to use obtained ranking numbers for later academic years.
- III. The execution of this regulation is appointed to the Education and Student Affairs Department of the Faculty of Aerospace Engineering.
- IV. All candidates must register in Studielink before the deadline of 15 January 2024.
- V. Candidates without (the prospect of obtaining) a Dutch pre-university diploma must also register in Osiris (osiaan.tudelft.nl) and answer the questions and upload the required documents before the deadline of 15 January 2024.
- VI. Failing to register in time will mean that the candidate will not be included in the selection procedure.
- VII. Participating in the selection procedure (or receiving a ranking number) does not automatically mean that a candidate meets the stated prerequisites for admission, such as the right prior education. Verifying entry requirements, such as prior education, is outside the scope of the selection procedure.
- VIII. When offered a place for the bachelor programme Aerospace Engineering, the candidate has 14 days to accept this offer in Studielink. In case the offer is not accepted in Studielink within that time, the reserved spot will be made available for the next candidate in line (next ranking number waiting).
- IX. Non-EU candidates who need services (a visa/residence permit in order to enter the Netherlands; housing accommodations; a bank account etc.) can only be supported in their application procedure by the TU Delft when they are offered a place before 15 June 2024. After this date it is too late to successfully complete all required steps in the registration process.
- X. Candidates will be informed via email about their final score and ranking number no later than 15 April 2024.
- XI. Candidates who have previously been enrolled in the bachelor programme Aerospace Engineering but who discontinued their studies due to a negative BSA have to (re-)participate in the selection procedure before being able to re-enrol.

2. Selection criteria

- I. Selection for the bachelor programme Aerospace Engineering is based on two criteria, i.e. Academic Aptitude and Academic Performance. Several steps are defined to select candidates, some of which are not necessarily linked to a single selection criterion, but are part of the selection procedure.

3. Selection procedure

3.1 General method

- I. Candidates need to complete all steps in the selection procedure in order to receive a ranking number.
- II. The email addresses used in the selection procedure will be equivalent to the email addresses candidates have used for their application request in Studielink, and as registered in the system at the application deadline date of 15 January 2024. Candidates must ensure messages from selection-ae@tudelft.nl can be

correctly delivered to their email account, and are responsible for checking and rightly acting upon such messages in their inbox (and spam folder) during the entire selection procedure.

- III. Candidates' email addresses from Studielink are used to give applicants access to the online selection platform. This online platform will be the central hub for candidates in the selection procedure, and will also be referred to as the Digital Learning Environment.
- IV. The Academic Aptitude Test will count for 40% of the final selection score and the Selection Exam will count for 60% of the final selection score.
- V. The ranking number of a candidate is determined by his/her final selection score, compared to other candidates. Higher final selection scores result in better (= lower) ranking numbers.

3.2 The Digital Learning Environment (step 1)

- I. Candidates who are included in the selection procedure will be informed by email on Monday 22 January 2024. This email also contains instructions about access to the Digital Learning Environment.
- II. The Digital Learning Environment is an online platform with introductory videos and resources to determine a candidate's match to the bachelor programme Aerospace Engineering. All candidates who have completed the mandatory assignments within the Digital Learning Environment by 21 February 2024 will be invited via email to complete the next steps of the selection procedure.
- III. Failure to complete the mandatory assignments within the Digital Learning Environment by 21 February 2024 will result into exclusion from the selection procedure. Candidates that are excluded from the selection procedure will be informed via email after 21 February 2024. Before 21 February 2024, there will be no confirmation email that the mandatory assignments within the Digital Learning Environment are completed for the candidates.
- IV. Validating the completion of the tasks within the Digital Learning Environment will be based on candidates' email addresses. It is therefore required that candidates use the same email address for both the online selection platform and their registration in Studielink.
- V. In case two (or more) candidates have exactly the same final selection score on the combined criteria of Academic Aptitude and Academic Performance, the mandatory assignments within the Digital Learning Environment will be used to determine the final ranking amongst these candidates (who have scored the same). Part of this may be a subjective evaluation, based on the candidate's personal reflection on his/her match to the bachelor programme Aerospace Engineering.

3.3 The Academic Aptitude Test (step 2)

- I. All candidates who have completed the mandatory assignments within the Digital Learning Environment by the deadline of 21 February 2024 will be invited within a few work days to complete the Academic Aptitude Test. The invitation contains the necessary information to access the test.
- II. The Academic Aptitude Test assesses the candidate's personal study motivation and aptitude to the academic environment. The results on the Academic Aptitude Test will be used to score the first criterion (i.e. Academic Aptitude).
- III. All (sub)sections within the Academic Aptitude Test are compulsory to complete for candidates in order to proceed with the selection process.
- IV. The Academic Aptitude Test must be completed no later than 1 March 2024.
- V. The Academic Aptitude Test will be conducted on a digital platform hosted by a third party.

3.4 The Selection Exam (step 3)

- I. All candidates who have completed the Academic Aptitude Test by the deadline of 1 March 2024 will be informed by email that they will be allowed to take the Selection Exam on a predetermined moment in March 2024.
- II. The Selection Exam assesses the academic abilities of the candidate. The results for the Selection Exam will be used to score the second criterion (i.e. Academic Performance).

- III. The Selection Exam consists of questions related to the domains of mathematics, physics and first-year material of Aerospace Engineering. The first-year material is provided as study material to candidates on the online selection platform.
- IV. The time allotted for the Selection Exam is limited. The time duration will be communicated beforehand, and a counter showing the remaining time will be visible during the test.
- V. Candidates who are diagnosed with learning disabilities and/or have extenuating circumstances can request extra time for the Selection Exam by contacting horizon-esa@tudelft.nl. Requests must be accompanied by official medical documentation in Dutch or English (see all requirements [here](#)) and must be filed no later than 15 February 2024.
- VI. Upon starting the Selection Exam the candidate is required to have at hand an identity card/passport or any other government-issued formal documentation in order to verify the identity of the test taker to the camera. Any other items are prohibited to be used during the Selection Exam, unless explicitly stated otherwise by the Selection Committee. In case the candidate is allowed to use or have available on his/her desk specific materials during the exam, then this will be communicated beforehand.
- VII. The Selection Exam will be online proctored, which means that candidates are 'followed' online to check whether the test is completed under the correct conditions. Candidates receive detailed instructions about online proctored exams. The instructions describe the strict regulations that candidates need to follow when taking the Selection Exam. In general applies that the candidate will need to take the Selection Exam as under regular (Dutch) exam settings.
- VIII. By taking the online proctored test, candidates agree upon making and monitoring video recordings, keystrokes and screenshots. An examiner will have access to this data to judge if the test was completed according to the regulations. Collected data will only be used for this purpose, and will not be stored any longer than is required for this purpose.
- IX. It is the responsibility of the candidate to take care of any equipment or resources needed for the selection procedure (computer, hardware, etc.). This includes ensuring access to a well-functioning (stable and preferably wired) internet connection. A system check functionality will be made available to candidates to check if the setup of the candidate meets the technical requirements.
- X. Candidates who have principal issues against online proctoring or who have serious troubles arranging the necessary resources to take the Selection Exam at home are offered the opportunity to take the test at TU Delft. This is an additional service for individual candidates only, that is facilitated by way of exception rather than as an alternative option to the regular online test procedures. Indicating your interest for participation in the on-campus test is mandatory and can be done until 15 February 2024. Details about registration, as well as the exact time, date and location of the on-campus test will be communicated to candidates during the selection procedure.
- XI. Candidates who are flagged with suspicious behaviour and concluded to have committed fraud will be penalized, with the sanction varying from being awarded zero points on the partial or whole assessment of the Selection Exam to exclusion from the entire selection procedure, depending on the severity of the fraud. The decision about fraud and the corresponding sanction will be made by a Selection Committee, consisting of a member of the Education and Student Affairs department of the Faculty of Aerospace Engineering, a member of the Educational Management Team, and a member of the Board of Examiners of the Faculty of Aerospace Engineering.
- XII. The score of the Selection Exam is determined by the number of correct answers, with no penalties for any incorrect answers given. Candidates' scores are determined by comparison with the scores of the other applicants. Therefore, there is no fixed pass or fail grade. No feedback on the scores will be provided, except for the final results in an email that will be sent at the end of the selection procedure.
- XIII. The weighing of the individual components within the Selection Exam will be provided to candidates during the selection process, and before starting the Selection Exam.
- XIV. The Selection Exam can be made only once.
- XV. The Selection Exam will be conducted on a digital platform hosted by a third party.

4. Establishing the outcome of the selection procedure and ranking

- I. Candidates' final selection scores are based on the criteria Academic Aptitude and Academic Performance, measured by the sum of the total scores of the Academic Aptitude Test and the Selection Exam. Based on the final selection score, candidates are given a ranking number.
- II. The total score for Academic Aptitude is based on the Academic Aptitude Test and counts for 40% of the total score.
- III. The total score for Academic Performance is based on the Selection Exam and counts for 60% of the final score.
- IV. The method used in the selection is aimed at achieving an equal success rate, defined by the study success in the first year of the bachelor programme, for male and female applicants.

Thus established by the Dean of the Faculty of Aerospace Engineering,

Prof. H.G.C. Werij
January 2024