## BSC SELECTION REGULATIONS & PROCEDURES

# BACHELOR'S DEGREE PROGRAMME Aerospace Engineering

**DELFT UNIVERSITY OF TECHNOLOGY** 

For entry for in Academic Year: 2025-2026

## **Table of contents**

Paragraph 1 – General	2
Article 1 - Scope of Applicability	2
Article 2 - Definition of terms	2
Article 3 – General Regulations	2
Paragraph 2 – Selection	3
Article 4 – Selection Criteria	3
Article 5 – Selection Procedure	3
Paragraph 3 – Matching Phase	3
Article 6 – The Digital Learning Environment	3
Paragraph 4 – Selection Phase	4
Article 7 – Academic Aptitude Assessment	4
Article 8 – The Selection Exam	4
Article 9 – Establishing the Outcome of the Selection Procedure and Ranking	6
Paragraph 5 – Final Provisions	6
Article 10 - Amendments	6
Article 11 - Unexpected Circumstances	6
Article 12 – Mandate for Application	6
Article 13 - Entry into Force	6

### Paragraph 1 - General

### Article 1 - Scope of Applicability

The Dean of the Faculty of Aerospace Engineering establishes the following regulations, respecting the TU Delft Selection and Placement Regulations of the Executive Board and in consultation with the Faculty Student Council of the Faculty of Aerospace Engineering. Due to the growing popularity of the bachelor programme Aerospace Engineering, a numerus clausus must be established to maintain the high standard of education balanced against the resources available. This document is intended to outline the regulations and procedures established to provide clarity and guidance concerning the selection procedure for the Bachelor in Aerospace Engineering programme.

#### Article 2 - Definition of terms

The definitions of terms contained in Article 1.1 of the Dutch Higher Education and Research Act and Article 2 of the Aerospace Engineering programme Teaching and Examination Regulations are applicable.

#### Article 3 - General Regulations

- 1. The numerus clausus for the 2025-2026 academic year is 440 due to the capacity, the availability of space and facilities. This means that 440 new bachelor students can be admitted to the first year of our bachelor programme for the 2025-2026 academic year.
- 2. The BSc Selection Committee will oversee this process. The Committee will consist 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.
- 3. All deadlines are in CET Amsterdam time or UTC (+1).
- 4. All candidates must register in Studielink no later than 15 January 2025.
- 5. Candidates without, or with the prospect of obtaining, a Dutch pre-university diploma must also register in Osiris (osiaan.tudelft.nl) before the deadline of 15 January 2025. All registration questions must be completed and all required documentation uploaded. Incomplete registrations will not be considered for the selection procedure.
- 6. Failure to register in time will result in the candidate not being included in the selection procedure.
- 7. 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 prior education. Verifying entry requirements, such as prior education, is outside the scope of the selection procedure.
- 8. All steps of the selection procedure can be completed online from anywhere in the world.
- 9. When offered a place for the bachelor programme in Aerospace Engineering, the candidate has 14 days to accept the offer in Studielink before it becomes voided. If the offer is not accepted in Studielink within that time, the reserved spot will be made available on day 15 for the next candidate in ranking order.
- 10. Non-EU candidates who need services (a visa/residence permit to enter the Netherlands; housing accommodations; a bank account etc.) can only be supported in their application procedure by TU Delft when they are offered a place before 15 June 2025. After this date, it is too late to successfully complete all required steps in the registration process before the start of the academic year.
- 11. Candidates will be informed via email about their final score and ranking number no later than 15 April 2025.
- 12. 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. Note that due to a negative BSA candidates will not be able to re-enrol for the same degree programme for a period of four years.

### Paragraph 2 - Selection

#### Article 4 - Selection Criteria

- 1. Selection for the bachelor programme Aerospace Engineering is based on two criteria:
  - a. Academic Aptitude
  - b. Academic Performance

#### Article 5 - Selection Procedure

- 1. Candidates must complete all elements in the matching phase and selection phase within the selection procedure to receive a ranking number.
- 2. 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.
- 3. The matching phase is conducted to assess the suitability of a candidate to become a student in Aerospace Engineering at TU Delft. The matching phase will require a substantial time investment for candidates to interact with and learn from the material, but is not graded and thus will have no part in determining the ranking number. Within the matching phase, the candidates can really get a taste of the bachelor programme in Aerospace Engineering. Article 6 The Digital Learning Environment is the main element of the matching phase.
- 4. The selection phase is conducted to assess the aptitude and knowledge of the candidate. These elements are graded and therefore part of determining the ranking number. The selection phase consists of two components:
  - a. Academic Aptitude Assessment
  - b. Selection Exam
- 5. The email address used in the selection procedure will be the same email addresses a candidate used for their application request in Studielink, and as registered in the system at the application deadline of 15 January 2025.
- 6. It is the candidate's responsibility to ensure messages from <a href="mailto:selection-ae@tudelft.nl">selection-ae@tudelft.nl</a> can be correctly delivered to their email account. The candidate is responsible for checking and acting upon such messages in their inbox (and spam folder) during the entire selection procedure.
- 7. The candidate's email address from Studielink is used to give the applicant access to the Digital Learning Environment. The Digital Learning Environment will be the central hub for candidates in the selection procedure.

### Paragraph 3 - Matching Phase

## Article 6 - The Digital Learning Environment

- Candidates included in the selection procedure will be informed by email in week 4, starting 20 January 2025. During this
  same time frame candidates will also receive an email with instructions about how to access the Digital Learning
  Environment.
- 2. The Digital Learning Environment is an online learning platform with introductory videos and resources to determine a candidate's match to the bachelor programme in Aerospace Engineering.
- 3. All candidates who have completed the mandatory assignments within the Digital Learning Environment by **20 February 2025** will be invited via email to the Selection Phase. Before 20 February 2025, there will be no confirmation email send to candidates whether the mandatory assignments within the Digital Learning Environment are completed.
- 4. Failure to complete the mandatory assignments within the Digital Learning Environment by 20 February 2025 will result in exclusion from the selection procedure, thereby also not being offered a ranking number.

- 5. Candidates who are excluded from the selection procedure will be informed via email in the two weeks following the 20 February 2025 deadline.
- 6. Validating the completion of the mandatory matching assignments 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 Digital Learning Environment and their registration in Studielink.

## Paragraph 4 – Selection Phase

#### Article 7 - Academic Aptitude Assessment

- 1. All candidates who have completed the mandatory assignments within the Digital Learning Environment by the deadline of 20 February 2025 will be invited in week 9, starting 24 February 2025, to complete the Academic Aptitude Assessment. The invitation contains the necessary information to access the platform for the tests.
- 2. The Academic Aptitude Assessment consists of two separate tests:
  - a. The Study Motivation Test (SMT), where the candidate's personal study motivation will be tested.
  - b. The MPT-Study, a personality test focused on your behavior in study situations.

The results of these two tests will be used to score the first criterion, Academic Aptitude.

- 3. The Academic Aptitude Assessment must be completed no later than 3 March 2025.
- 4. All sections within the Academic Aptitude Assessment are compulsory to proceed with the selection procedure. Failure to complete the Academic Aptitude Assessment by 3 March 2025 will result in exclusion from the selection procedure, thereby also not being offered a ranking number.
- 5. The Academic Aptitude Assessment tests will be conducted on a digital platform hosted by a third party.

#### Article 8 - The Selection Exam

- 1. All candidates who have completed the Academic Aptitude Assessment by the deadline of 3 March 2025 will be informed by email that they will be allowed to take the Selection Exam on **12 March 2025.**
- 2. Candidates will receive a personal time slot in week 10, starting 3 March 2025, for when they should take the Selection Exam. The time slot will be based on CET Amsterdam time or UTC (+1). Exceptions to the allocated timeslot cannot be granted, unless the candidate has another selection procedure for a Dutch university at the exact same time.
- 3. The Selection Exam assesses the academic abilities of the candidate. The results of the Selection Exam will be used to score the second criterion, Academic Performance.
- 4. The Selection Exam consists of questions related to the domains of mathematics, physics and first-year Aerospace Engineering topics. Required first-year study material will be made available to candidates in the Digital Learning Environment.
- 5. 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.
- 6. Candidates diagnosed with learning disabilities and/or have extenuating circumstances can request extra time for the Selection Exam by contacting selectie-esa@tudelft.nl.
  - a. Requests must be accompanied by official medical documentation in Dutch or English (see all requirements <a href="here">here</a>) and must be filed no later than **31 January 2025**.
- 7. The Selection Exam will be online proctored, which means that candidates are monitored online to check whether the test is completed under the correct conditions. Candidates will receive detailed instructions about the online proctored exam. The instructions describe the strict regulations that candidates need to follow when taking the Selection Exam. The

- candidate will need to take the Selection Exam under the <u>requirements</u> set forth for online proctored exams at the TU Delft.
- 8. Upon starting the Selection Exam the candidate is required to have at hand a government-issued identity card/passport. The candidate must verify their identity to the camera.
- 9. The rules that apply to the Selection Exam will be communicated to candidates prior to the Selection Exam, in the first week of March.
- 10. Prior to the Selection Exam, candidates will receive an email detailing the rules and guidelines that must be followed during the exam.
- 11. By taking the online proctored test, candidates agree to the following occurring in the online test environment:
  - a. making and monitoring video recordings,
  - b. recording of keystrokes
  - c. taking screenshots.
- 12. An assessor of the faculty of Aerospace Engineering will have access to this data to judge if the test was completed according to the rules and guidelines for online exams. Collected data will only be used for this purpose, and will not be stored any longer than is required for this purpose.
- 13. 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 will be made available to candidates no later than one day before the Selection Exam, to check if the candidate's set-up meets the technical requirements.
- 14. Candidates who have issues based on principle 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.
  - a. This option will only be granted in exceptional circumstances after the approval of the Selection Committee. This is not an alternative option to the regular online test procedures.
  - b. Candidates must submit a request for participation in the on-campus test no later than **31 January 2025**. Candidates can submit a request by contacting <a href="mailto:selection-ae@tudelft.nl">selection-ae@tudelft.nl</a>.
  - c. Details about registration, as well as the exact time, date, and location of the on-campus test will be communicated to approved candidates during the selection procedure.
- 15. Candidates who are flagged with suspicious behaviour and concluded to have committed fraud will be penalized. Sanctions can range 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.
- 16. The decision about fraud and the corresponding sanction will be made by the Selection Committee.
- 17. The score of the Selection Exam is determined by the number of correct answers, with no penalties for any incorrect answers given.
- 18. The mathematics and physics sections in the Selection Exam serve to ensure a sufficient level on these domains. Scores on these sections are thus calculated categorically.
- 19. Candidates' overall score is 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.
- 20. The weighting of the individual components within the Selection Exam will be provide to candidates during the selection procedure, and before starting the Selection Exam.
- 21. The Selection Exam can be made only once per year.
- 22. The Selection Exam will be conducted on a digital platform hosted by a third party.

## Article 9 - Establishing the Outcome of the Selection Procedure and Ranking

- 1. The total score for Academic Aptitude Assessment counts for 40% of the final score.
- 2. The total score for Academic Performance is based on the Selection Exam and counts for 60% of the final score.
- 3. Based on the final selection score, candidates are given a ranking number.
- 4. The ranking number of a candidate is determined by their final selection score compared to other candidates. Higher final selection scores result in better (i.e., lower) ranking numbers.
- 5. In case two, or more, candidates have exactly the same final selection score, the mandatory assignments within the Digital Learning Environment will be used to determine the final ranking amongst these candidates.
- 6. The obtained ranking number is only valid during the selection and admission procedure preceding that specific academic year. It is not possible to use previously obtained ranking numbers for future selection consideration in future academic years.
- 7. The method used in the selection procedure aims to achieve an equal success rate, defined by the study success of all applicants in the first year of the bachelor programme.

## Paragraph 5 - Final Provisions

## **Article 10 - Amendments**

No amendments may be made to these Regulations that apply to the current academic year unless the students' interests remain reasonably unaffected.

## **Article 11 - Unexpected Circumstances**

Insofar as these Regulations do not provide for specific circumstances, the Dean will make a decision that is in line with these Rules and Guidelines to every extent possible.

### Article 12 - Mandate for Application

The implementation and application of these regulations are mandated to the Education and Student Affairs Department of the Faculty of Aerospace Engineering.

## Article 13 - Entry into Force

These Regulations shall enter into force on 1 January 2025.

## Adopted by the Dean on 19 December 2025