



# Honours Programme Delft

Delft University of Technology

## Honours Programme Master 3mE

2022-2024

All rules mentioned in the *Teaching and Examination Regulations (TER)* and *Rules and Guidelines of the Board of Examinars (RGBE)* are leading. This explanatory document is intended as a supplement and has a practical approach to the effect on article 10 of the *OER* and article 32/32A of the *RGBE* of all Master's degree programmes of the 3mE faculty.

### Honours Programme 3mE director

Prof.dr.ir. Michel Verhaegen

### Honours Programme 3mE coordinator

Dr. Sabrina van de Velde

## Contact information & Social Media

TUD Honours Programme Delft (HPD)  
homepage

TUD Study Programme Administration (SPA >  
Registrationform HPM)

Faculty 3mE Honours Committee email

Faculty 3mE Honours Programme homepage

Brightspace Honours Programme 3mE

Brightspace Honours Programme Delft Masters

HP Linktree

HP Facebook

HP Twitter

HP Instagram

<https://www.tudelft.nl/onderwijs/opleidingen/honours-programme-delft-hpd>

<https://www.tudelft.nl/studenten/administratie/study-programme-administration/>

[Honourscommittee-3me@tudelft.nl](mailto:Honourscommittee-3me@tudelft.nl)

<https://www.tudelft.nl/en/student/faculties/3me-student-portal/education/related/honours-programme/>

<https://brightspace.tudelft.nl/d2l/home/42767>

<https://brightspace.tudelft.nl/d2l/home/46145>

<https://linktr.ee/honoursprogrammetudelft>

<https://www.facebook.com/HonoursProgrammeDelft/>

<https://twitter.com/honoursdelft>

<https://www.instagram.com/honoursprogrammetudelft/>

## Introduction

The Honours Programme Masters (HPM) is an additional programme for excellent MSc students who are looking for an extra challenge. Students will have the chance to dive into a specific topic and/or broaden their knowledge by following interdisciplinary courses or doing a research or design project. This can be done individually or in collaboration with internal or external partners. An academic supervisor from the TU Delft must always be involved.

The main goal of the Honours Programme is to stimulate ambition and talent through extracurricular activities. The HPM student decides how to fill in his or her programme; the initiative is with the student. The opportunity to get the most out of your studies also means that more time needs to be spent on your study. Since 20 extra ECTS have to be earned in 1.5 years, students should count on spending about 6 extra hours studying per week during their MSc programme.

Participation in this programme fosters your abilities in:

- Scientific and intellectual development;
- Research and design skills;
- Collaboration and communication;
- Self-reflection and self-management;
- Having a scientific network.

As a participant in the Honours Programme the student can be part of the HPD Community. If the student likes to be involved with this community and is interested in receiving the newsletter, please email [board-hpd@tudelft.nl](mailto:board-hpd@tudelft.nl).

In terms of organization and content, the Honours Programme of the faculty 3mE is managed by the Honours Committee 3mE, consisting of the director and the coordinator of the Honours Programme, resp. Prof. Michel Verhaegen and Dr. Sabrina van de Velde.

## Admission and registration

### Admission requirements

Students of the faculty 3mE can register for the Honours Programme Masters 3mE if they meet the following requirements (TER – article 10):

- At least 25 EC credits are obtained during the first semester of the first MSc year, including all obligatory courses from the exam programme.
- A weighted average of at least 7.5.

### Registration

The registration period for the Honours Programme Master 2022-2024 is from December 15<sup>th</sup> 2022 until February 15<sup>th</sup> 2023.

First-year Master's students can register by sending their approved **MSc Study programme** ([Form 2](#)), their **Osiris list of grades** of semester 1 (including their weighted average), their **motivation letter** and their **Curriculum Vitae** (CV). These documents can be sent via e-mail (attached as separate PDF files) to [honourscommittee-3me@tudelft.nl](mailto:honourscommittee-3me@tudelft.nl).

The motivation letter should indicate why the student would like to participate in the programme, what fascinations or passions there are and give an indication of what the student would like to do within the programme.

After checking the admission requirements and registration documents the Honours Commission 3mE decides if the student is admissible to the Honours Programme Master. Review of the admission requirements is done based on the established figures in Osiris with the reference date, February 15<sup>th</sup> 2023. It is possible that the student will be invited for a personal interview to further explain the motivation.

## HPM content

The Honours Programme Master starts in the second semester (February) of the first academic year of the MSc programme. It consists of – at least – 20 EC, *in addition* to the regular 120 EC MSc. programme. Courses which are already included in the MSc. curriculum (Form 2) can therefore not be included in the Honours Programme.

The programme consists of a TUD organised interfaculty part (5 EC) and a 3mE faculty part (15 EC). In order to obtain the Honours Certificate, the Honours student must complete the programme during the nominal duration of the study, i.e. within the two years of the MSc. programme.

### TUD interfaculty programme (5 EC)

The interfaculty part of the programme consists of 5 EC and is organised centrally by the university. To fulfil the requirement of the Honours Programme Master, students are obliged to follow the course *Leadership Skills for Engineers, Critical Reflection on Technology or Business Leadership for Engineers*. More information can be found in [Coursebase/Studiegids](#) via Organisation “University Corporate Office”, Education Type “Honours Programma Masters” en Education “Honours Programme Masters”).

These courses are exclusively open to participants of the Honours Programme Master. They provide the HPM students with the unique chance of developing themselves broadly and to intensively interact with students from other disciplines. Inspiring professors and lecturers organize classes in which various themes will be approached from an interdisciplinary perspective.

For questions about the interfaculty program, please contact [HPD@tudelft.nl](mailto:HPD@tudelft.nl).

### Faculty programme (15 EC)

The faculty part of the Honours Programme Master consists of 15 EC and is organised by the faculty 3mE. The student writes a programme proposal in which the content of the HPM programme is defined. Before the start of the faculty programme, the HPM proposal is submitted to the Honours Committee 3mE for approval. Approval is given to proposals with a coherent and challenging study programme. The components must have sufficient academic depth in order to realise a substantial addition to the regular programme.

To achieve completion of the (minimum of) 15 EC, the HPM proposal may consist of:

1. Following master courses.
2. Through an internal or external research or design project of 15 EC, supervised by an academic supervisor from the Delft University of Technology.
3. A combination of master courses and a project (the minimum number of credits for a project/research assignment is 5 EC).

The academic TU supervisor does not have to be a full professor, but he/she must be a member of the scientific staff of the TUD. For questions about the Faculty programme, please contact [honourscommittee-3mE@tudelft.nl](mailto:honourscommittee-3mE@tudelft.nl).

It is possible to make changes during the programme, but these changes must first be approved by the Honours Committee. Students can highlight the changes in their HPM proposal and email them to [honourscommittee-3me@tudelft.nl](mailto:honourscommittee-3me@tudelft.nl).

## Brightspace

After the student has been accepted for the HPM programme he/she will be registered for two Brightspace pages, one faculty page and one interfaculty page. On [Faculty 3mE Honours Programme](#) the Honours Committee of the faculty 3mE shares information with HPB and HPM students, for example about the mandatory progress meetings. The student will also be registered for the [Honours Programme Delft Masters](#) page, where information can be found concerning the central HP organization of TU Delft. They post updates on summer courses, interfaculty courses, or other opportunities that may vary each year.

## Assessment of courses, assignments, research or projects

The *courses* will be assessed according to the learning objectives of the courses. Examination and learning objectives are drawn up by the responsible lecturer and can be found in the Studyguide.

For the Honours Programme only courses at the Master's level are accepted. There is only one exception to this rule, which is when basic knowledge in a particular field of study is lacking. In that case a Bachelor course might be approved.

*Research or design projects* must have an academic Master level and are assessed by the TU Delft supervisor on the basis of previously agreed criteria and credits. The final level must at least be comparable to a M.Sc. final project, and take the learning outcomes of the Honours Programme Master into account. These learning outcomes can be found in the Appendix.

## HPM Completion

Grades for TUD courses are entered in Osiris by the lecturers involved. Grades for projects are entered by the director of the Honours Programme. The student completes the appropriate form with their TUD supervisor, after which the form will be sent to [honourscommittee-3me@tudelft.nl](mailto:honourscommittee-3me@tudelft.nl). Within a few days the form will be checked and grades will be uploaded. Grades obtained at other institutes can be submitted to the student administration ([SPA-3ME@tudelft.nl](mailto:SPA-3ME@tudelft.nl)) by means of a certificate or certified copy of the grade/diploma.

The Honours Programme is finalised by a symposium in June of the second year, in which all Honours students give a presentation on their work within the Honours Programme. This is a public meeting to which fellow Master students, friends and family, and also last-year Bachelor students are invited.

After completing the credits of your Honours Programme Masters, a registration form must be submitted to notify the Honours Committee. If the full Master program *and* the full HPM is completed within two years, the Examination Board will award the Honours student, in addition to the Master's degree, the *Honours Program Master Certificate*. It is not necessary to have an average of 7.5 or higher, not even for the Honours Programme grades.

For the successful completion of the Honours Programme Masters, the student must meet the following requirements:

1. The final exit qualifications of the Honours Programme Delft, see Appendix.
2. The requirements set in article 32 / 32a of the RGBE.
3. Active participation and presence at all obligatory meetings.

In a limited number of cases, due to personal circumstances or through external force majeure, you can request an extension from the 3mE Examination Board.

Double degree students and Technical Master students (3-yr Master) will have a different time which will be discussed separately with every individual student.

## HPM Timeline

During the Honours Programme a number of meetings will be organised to discuss progress, possible bottlenecks and other experience in the framework of the Honours Programme. The timeline below is indicative and intended for Master students who start the 3mE Honours Programme Masters (HPM) in 2022-2023.

MSc YEAR 1 (2022-2023)				MSc YEAR 2 (2023-2024)			
Semester 1 (fall/winter)		Semester 2 (spring/summer)		Semester 1 (fall/winter)		Semester 2 (spring/summer)	
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	<i>(HPM Information session for new students)</i>  ~November/December	<i>HPM MEETING 1 KICK OFF</i>  ~February/March		<i>HPM MEETING 2 PROGRESS</i>  ~November		<i>HPM MEETING 3 REFLECTION</i>  ~March	<i>HPM MEETING 4 FINAL SYMPOSIUM</i>  ~June

There is a mandatory attendance at all 3mE HPM meetings listed below. Each meeting is primarily aimed at sharing and reflecting knowledge and gained experience. There is also ample opportunity for discussion on general aspects of the Honours Programme and for questions.

- HPM meeting 1 Kick off: The HPM programme kicks off with information about expectations and helps with a good start of the HPM programme.
- HPM meeting 2 Progress: The second meeting has the focus on sharing the chosen topics and progress with each other via interviews. We also consider the progress of the interfaculty courses.
- HPM meeting 3 Reflection: The third meeting focuses on reflection and collaboration through short presentations.
- HPM meeting 4 Final Symposium: This is the celebration and finalization of the HPM programme.

## Contact & Forms

For more information about the faculty part of the Honours Programme Master and the specific structure of the curriculum, contact: [honourscommittee-3me@tudelft.nl](mailto:honourscommittee-3me@tudelft.nl). There is also a central TUD coordinator, who can give more information about the interfaculty part of the HPM programme: [coordination-HP@tudelft.nl](mailto:coordination-HP@tudelft.nl). Relevant information and forms for the Honours Programme 3mE can be found via the [student portal](#) of the Faculty 3mE, headline *Honours Programme MSc*.

## Appendix - Exit qualifications for the Honours Programme Master (HPM)

The Honours Programme Master (HPM) offers the students the possibility of deepening, widening and enriching of their knowledge in addition to their regular Master exam programme. The value of this programme for the student is reflected by attaining the following exit qualifications. The TU Master exam programmes that offer the HPM aim for the student to fully comply with the exit qualifications of the regular Master exam programme, as well as attained at least eight of the eleven HPM exit qualifications, in accordance with the following division:

- I. "Scientific and intellectual development"; two out of three exit qualifications have been met
  - II. "Research and design capabilities"; one out of two exit qualifications have been met
  - III. "Communication"; two out of three exit qualifications have been met
  - IV. "Self-adjustment and reflection capabilities"; all three exit qualifications have been met
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- I. Scientific and intellectual development with regard to the individual HPM programme
    1. Is able to build a coherent structure within his/her HPM programme.
    2. Possesses knowledge of and skills necessary for fact-finding, methods and technical practice, including model building within the relevant field of study. Has the skills and attitude to apply these methods to the content of the HPM programme in a creative, innovative and independent manner.
    3. Is capable to analyse current scientific and societal consequences (economic, social, cultural, environmental) of new developments in relevant fields of study and able to integrate these into his/her HPM programme.
  - II. Research and design capabilities
    1. Is able to work on different abstraction levels and capable of identifying and applying the appropriate abstraction level to his/her HPM programme.
    2. Within the content of his/her HPM programme, is able to contribute to the developments within the chosen field of (applied) science.
  - III. Communication
    1. Is able to formulate independent points of view based on his/her HPM programme and capable of communicating them in a clear and concise manner.
    2. Has contributed to spreading of knowledge through activities geared towards scientific publications and/or speeches, popularizing of science, education or other forms of contribution to the popular debate.
    3. Is able and possesses the appropriate attitude to draw other fields of study into his /her research or design process.
  - IV. Self-adjustment and reflection capabilities
    1. Is able to formulate and argue the merits of his/her own goals and outcomes of the HPM programme. Is able to argue and judge his/her own growth potential by participating in the HPM programme.
    2. Is able to identify new insights that might alternate the content of his/her programme and is able to adjust accordingly.
    3. Is able to plan properly between requirements for the HPM programme, the regular M.Sc. programme and any additional requirements needed to complete the HPM programme. Is able to incorporate the HPM successfully into his/her regular M.Sc. programme.