

## Master's programme

### 1<sup>st</sup> year

1 <sup>st</sup> PERIOD	2 <sup>nd</sup> PERIOD	3 <sup>rd</sup> PERIOD	4 <sup>th</sup> PERIOD
Orientation Team Project QIST4200 5 EC	Quantum Devices and Interfaces QIST4330 3 EC	Quantum Computer Architecture QIST4400 5 EC	25 EC
Homologation QIST4100 10 EC	Fundamentals of Quantum Information QIST4310 4 EC	Profile courses and Electives	
	Qubit Dynamics and Quantum Control QIST4300 4 EC		
	Quantum Computation and Quantum Programming QIST4320 4 EC		
Equipping the QIST professional - QIST4000- 1 EC			

### 2<sup>nd</sup> year

1 <sup>st</sup> PERIOD	2 <sup>nd</sup> PERIOD	3 <sup>rd</sup> PERIOD	4 <sup>th</sup> PERIOD
Multidisciplinary Team Project QIST4500 15 EC	Master Thesis Project QIST5000 44 EC	or Master Thesis Project QIST5010 30 EC + 14 EC business / entrepreneurship courses	
Equip - QIST4000- 1 EC			

#### Legend

Homologation	Core Courses	Electives
Project work	Thesis	

EC: European Credit

Digital version of this folder ►



## General information

📧 [www.qist.msc.tudelft.nl](http://www.qist.msc.tudelft.nl)

### Digital study guide

For programme details, courses and course details.

📧 [studyguide.tudelft.nl](http://studyguide.tudelft.nl)

### Timetables

Timetables for courses and for the programme.

📧 [mytimetable.tudelft.nl](http://mytimetable.tudelft.nl)

📧 <https://rooster.universiteitleiden.nl/schedule>

### Brightspace

Brightspace is TU Delft's digital learning and education environment for students and staff. There is a Brightspace page for every course, but also for the master Chemical Engineering programme.

📧 [brightspace.tudelft.nl](http://brightspace.tudelft.nl)

### Register for examinations

Written examinations require registration! You have to register using Osiris. There are strict deadlines.

📧 [my.tudelft.nl](http://my.tudelft.nl)

📧 [examdesk.tudelft.nl](http://examdesk.tudelft.nl)

### Regulations

The regulations inform you about your rights and obligations.

📧 [tnw.tudelft.nl/regulations](http://tnw.tudelft.nl/regulations)

### Faculty student portal

📧 [tudelft.nl/en/student/faculties/as-student-portal/](http://tudelft.nl/en/student/faculties/as-student-portal/)

### E-service

For questions regarding (reactivation of) NetID.

📧 [e-service.tudelft.nl](http://e-service.tudelft.nl)

### Student association

The ASAP dispute of the VvTP welcomes QIST students.

📧 <https://asap.tudelft.nl/>

"De Leidsche Flesch" is the study association for Physics, Astronomy, Mathematics and Computer Science students, which also welcomes QIST students.

📧 <https://www.deleidscheflesch.nl/en/>

## Programme team

Faculty of Applied Sciences, Lorentzweg 1

### Programme director

Miriam Blaauboer has final responsibility for the MSc-programme Quantum Information Science and Technology.

✉ [Info-MSc-QIST@tudelft.nl](mailto:Info-MSc-QIST@tudelft.nl)

✉ [m.blaauboer@tudelft.nl](mailto:m.blaauboer@tudelft.nl)

### Programme coordinator

Eva de Haan supervises the daily routine of the programme, manages the daily matters of the programme and answers questions regarding organisational and course-related issues.

✉ [Info-MSc-QIST@tudelft.nl](mailto:Info-MSc-QIST@tudelft.nl)

### Academic counsellor

Nynke Penninga will advise you on all kinds of study-related matters, including personal problems.

✉ [academiccounsellor-QIST@tudelft.nl](mailto:academiccounsellor-QIST@tudelft.nl)

☎ 015-2785516

Making online appointments with the academic counsellor of QIST, here's how you do it! ►



### Study Programme Administration

Do you have questions about the registration of your results in Osiris, please contact

✉ [spa-tnw@tudelft.nl](mailto:spa-tnw@tudelft.nl)

☎ +31(0)15 27 89826

### Board of Examiners

The Board of Examiners is responsible for the assessment quality and the degree audits. You can also submit exception requests to the Board of Examiners.

✉ [boardofexaminers-qist-as@tudelft.nl](mailto:boardofexaminers-qist-as@tudelft.nl)

### Board of Studies

The Board of Studies is an advisory body representing students and lecturers, and plays an important role in the quality of the programme. If you have any comments or concerns regarding this, please send an email to:

✉ [boardofstudies-qist-as@tudelft.nl](mailto:boardofstudies-qist-as@tudelft.nl)

## Academic skills in QIST courses

At the QIST programme, you will gain many (academic) skills. Below you find an overview of what skills are taught where in the programme.



Presenting



Ethics



Collaboration



Career orientation



Research



Writing



Reflecting

### YEAR 1

Orientation Team Project	QIST4200	■	■	■	■	■	■
Homologation	QIST4100			■			
Quantum Devices and Interfaces	QIST4330					■	
Fundamentals of Quantum Information	QIST4310					■	
Qubit Dynamics and Quantum Control	QIST4300	■		■			
Quantum Computation and Quantum Programming	QIST4320	■		■		■	
Equipping the QIST professional (portfolio)	QIST4000		■		■		■
Quantum Computer Architecture	QIST4400					■	■

### YEAR 2

Multidisciplinary Team Project	QIST4500	■	■	■	■	■	■
Master Thesis Project	QIST5000	■	■	■	■	■	■

## Science Skills Platform

The Science Skills Platform was created to help students graduate more competent. It supports students in their (academic) development as well as their preparation for the job market. Using a wide range of skill modules, the platform allows students to develop their skills flexibly and according to their own needs. Each module is composed of four parts that allow students to learn a sub-skill (theory), practice (practice), apply (how to) and assess (checklist).

🔗 <https://www.staff.universiteitleiden.nl/vr/science/education-at-faculty-of-science/e-learning-skills-platform>

## QIST related events

There are several events held for QIST students throughout the year, by programme management, QuTech, and other departments of both universities. We recommend you to keep an eye on the Master Quantum Information Science and Technology page on Brightspace. The study associations for QIST, which are the master dispute ASAP in Delft and De Leidsche Flesch in Leiden, host various events as well. Make sure you subscribe to all relevant channels to stay up to date! You can find both universities and study associations on social media.



### Master Information Meeting

Meeting with the Director of Studies and programme coordinator to keep you up to date with all study related news.



### Quantum Tea Break

Get all the latest news on all things Quantum: Research, Developments, Reflection.



### Career Events

At TU Delft, there are various events such as 'De Delftse Bedrijvendagen' and the Global Entrepreneurship Week, as well as career oriented events hosted by the ASAP master dispute. In Leiden, there is a Leiden University Career Week and the 'Betabanenmarkt'.

### Career Services

The **TU Delft Career Centre** and **Leiden University Career Services** offer consultations, workshops and advice for students and alumni.



## Study Associations

QIST students can become a member of study associations at both TU Delft and Leiden University for a joint fee. In Delft, this is the VvTP, with the master dispute called **ASAP**. In Leiden, this is **De Leidsche Flesch**. They both host many activities both social and career oriented. Become a member and stay up to date with their activities.