Form number 1	**Form name** IST Individual Program Examinations	**Enrollment year** 2021/2022	**Fill in moment** At the end of the 3rd quarter of your studies

Name:

Tu/e email adres:

Intended graduation cluster:

ID number:

Month and year of enrollment:

Name representative research cluster:

*This form is signed by the representative of the research cluster where you intend to graduate. If this is yet unknown the form may be signed by your teacher coach instead.

Instructions

Please try to fill in the form via Adobe/digitally. In the case you want to change your program and you require permission from the examination committee in advance (e.g. when following courses at another university), note the changes on page five. When you want to change the program for other reasons, please hand in a revised form at the start of your preparation phase with form 2. For more information on the CSE program check the TU/e online education guide.

1. On page 1 you find the mandatory courses for the IST program
2. On the second page please select your IST electives (minimum of three)
3. Additionally, on the third page you need to fill in your free electives (35 ects). From this 20 ECTS need to be taken from courses in the department Mathematics & Computer Science. Do you wish to include courses from another university? Please provide links to the course descriptions of these courses (e.g. a link to a course catalogue).
4. On the fourth page you can fill in your homologation courses if applicable and fill in the seminar you wish to include in preparation for your graduation
5. The representative of the research cluster you intend to graduate in or your Teacher Coach and you have to sign the form on page five.
6. If you need to make changes to a previously approved program please indicate the changes you have made in the textbox on page five as well.

IST Mandatory courses

Course code	Course title	ECTS
2MMC10	Cryptology	5
2IMS25	Principles of data protection	5
2DMI20	Software security	5
2IMS20	Cyberattacks crime and defenses	5
2IMS30	Advanced Network Security	5
2IMC05 or 2MMR05	Preparation phase	10
2ICM00 or 2MMR30	Graduation project	30
	Subtotal ects	**65**

IST electives

Course code	Course title	
2IMS10	Physical aspects of digital security	
2IMA10	Advanced Algorithms	
2DMI10	Applied Cryptography	
2IMS15	Verification of security protocols	
2DMI00	Cryptographic protocols	
	Subtotal ects	_____

Free elective courses (20 ECTS must be done in the department Mathematics & Computer Science, 15 ECTS may be chosen from other programs, departments, or universities as well an internship of 15 ects may be included here *)

Course code	Course title	ECTS
	Subtotal ects	_____

*An internship is optional. Keep in mind, when you do an external internship (e.g. at a company), your graduation project needs to be executed internally (within TU/e), when you do an internal internship you cannot graduate with the same supervisor.

Internship supervisor (if known):

Homologation courses (if applicable)** (homologation courses count towards the 35 ECTS in free elective courses)

Course code	Course title	ECTS
	Subtotal ects	_____

Seminar

Course code	Course title	
2IMD00	Seminar datamanagement	
2IMF00	Seminar formal system analysis	
2IMI00	Seminar Process Analytics	
2IMM00	Seminar Data Mining	
2IMN00	Seminar Interconnected Resource-aware Intelligent Systems (IRIS)	
2IMP00	Seminar software engineering and technology	
2IMU00	Seminar Uncertainty in AI	
2IMV00	Seminar visualization	
2IMA00	Seminar algorithms	
2IMS00	Seminar Information Security Technology	
	Subtotal ects	_____

**Homologation courses are bachelor courses assigned during the admission process to make up deficiencies in previous knowledge. Please check your admission letter to see if you have homologation courses. It is also possible to pick a maximum of three bachelor courses yourself to compensate deficiencies, if you think it is necessary. If you do that, a motivation for including the self-chosen homologation courses must be attached to this form.

Total number of credits (at least 120 credits**)**

Agreement student and supervisor

Signature Student:

Date:

Signature representative research cluster or Teacher Coach:

Date

Changes to the previously approved program, link to course descriptions of courses followed at another university and/or motivation for self-chosen homologation courses (if applicable):

This form must send to the Student Administration CSA.MCS@tue.nl.
If you do not agree with the decision of the Examination Committee, you may submit an appeal via this website within a period of six weeks after the date of this decision.