

**Study programme section of the Students' Charter  
with the 2019-2020 Teaching and Examination Regulations  
of the Bachelor's programme**

**HBO-ICT English Stream  
Study programme code: 30020  
Study programme: full time  
Location: Eindhoven**

This TER is only valid till 2018-2019 cohort.

*Students who will start in the first semester from September 2019 and students who will start in the second semester from February 2020 will do this in the new curriculum architecture. The '2019-2020 TER HBO-ICT Full-time – three teaching methods' applies to these students.*

The study programme's section of the Students' Charter was adopted by the institute's director on 29 May 2019, after obtaining the IPC's consent on 29 May 2019 and the PC consent on 28 May 2019.

The teaching and examination regulations of the study programme expand on the general section of the teaching and examination regulations of Fontys Bachelor's programmes.

This general section for the 2019-2020 academic year was established by the Executive Board on 11 December 2018, following the consent of the students' section of the CPC, which was given on 17 January 2019.

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## A – Teaching and Examination Regulations

### Section 1 General

#### Article 1 Definitions

Academic year	The period from 1 September up to and including 31 August of the following year.
Advice regarding the continuation of studies	Advice given to students at the end of the first year of the foundation phase of a Bachelor's programme regarding the continuation of their studies either with the programme or elsewhere. This advice may entail a binding rejection (binding negative study advice).
Accreditation of prior learning	Accreditation of prior learning awarded by a recognised provider of prior learning assessment and recognition.
Assessment	Generic term for tests aimed at assessing a student's competencies in a professional situation that is as authentic and realistic as possible.
Associate degree	The Associate Degree (AD) is an intermediate qualification awarded in higher professional education between senior secondary vocational education level 4 (MBO 4) and a Bachelor's degree.
Assessor	An examiner that grades the student's progress in acquiring the required competencies.
CAA	Centre for Administrative Activities. The CAA is the internal Fontys partner of the representative and participatory bodies and their discussion partners with respect to optimising how these bodies function.
Certificate	The certificate as referred to in Section 7.11 of the Dutch Higher Education and Research Act ( <i>Wet op het Hoger Onderwijs en Wetenschappelijk Onderwijs</i> , WHW).
CPC	Central Participation Council
Cohort	The group of students who are enrolled for the first time in the foundation year of a study programme on the same reference date to which the prevailing Teaching and Examination Regulations (TER) apply. For students who enrol in a higher year, cohort membership is determined on an individual basis.
Competency	A cluster of related knowledge, skills and attitudes that influences a substantial part of a person's job, is related to the performance of the job, can be measured and tested against accepted standards and can be improved through training and development.
Coordinating institute	The coordinating institute is the Fontys Institute which bears final responsibility for the development, implementation, assessment and improvement of a minor programme.
Credit	One credit equals 28 standard study-load hours. Students are awarded credits on passing the interim examination of a unit of study. The international term for credits is European credits (EC's).
Courses	The courses offered to students to help their learning process.
CROHO	Central Register of Higher Education Study Programmes, which is a register of all study programmes. Students that pass the interim examinations of a study programme registered in CROHO are entitled to an official higher professional education certificate with the associated degree (Associate degree, Bachelor or Master).
Deficiency	Any required prior qualification(s) a student lacks.
Differentiation	A specific definition of the curriculum within a programme, from the start of the programme that contributes to the development of generic or specific competencies aimed at deepening a specific area of knowledge in the professional field, application throughout the programme. ( <i>Note: Deviation in the first-year programme, i.e. immediately from year 1 onwards</i> )
Diploma supplement	Document drawn up in accordance with a European format that is added to the certificate and states the nature, level, context, content and status of the study programme.
Dual-study programme	A dual-study programme is organised in such a way that education is alternated with one or more periods of professional practice related to the study programme. The study programme therefore consists of an educational segment and a practical segment, both of which are integral parts of the study programme.
DUO	Short for <i>Dienst Uitvoering Onderwijs</i> , a government agency charged with

	implementing education legislation and regulations of which the IB Group forms a part.
Diploma with subject combination	Former senior general secondary education ( <i>HAVO</i> ) or pre-university education ( <i>VWO</i> ) diploma based on subject combinations. These diplomas were issued before the <i>HAVO</i> and <i>VWO</i> profiles were introduced (from 1998).
ECTS	European Credit Transfer System. The system that is used to express credits in order to facilitate international comparison. See also: credits.
Examination	Completion of (the foundation-year phase of) a study programme or of an associate degree programme. The final examination may also include a supplementary assessment conducted by the Examination Board.
Examination Appeals Board	The Board as referred to in Sections 7.60 up to and including 7.63 of the WHW and Articles 45 and 46 of the Students' Charter. The organisation, duties and powers of the Board are laid down in the Rules of Procedure adopted by the Examination Appeals Board and approved by the Executive Board.
Examination Board	The board of persons referred to in Section 7.12 of the WHW.
Examiner	Member of staff who is designated by the Examination Board to administer examinations and assess the results thereof or an external expert.
Executive Board	The administrative body of Fontys University of Applied Sciences, as described in the articles of association and the WHW.
Executive institute	A Fontys institute responsible for the execution of a minor.
Exemption	Full or partial exemption from meeting enrolment and/or admission conditions and/or sitting interim examinations.
Exit qualifications	Qualifications students must have on completing the study programme.
Fontys minor	A minor open to all Fontys students, so long as they meet any admission criteria for the minor, with a focus on overarching and distinctive themes.
Foundation year	First phase in a Bachelor's programme. Also known as propedeuse.
Fraud	Any act (including plagiarism ) or omission that either partially or fully impairs the correct assessment of a person's knowledge, insight, skills, competencies, professional attitude, powers of reflection, etc.
Full-time study programme	A full-time study programme is a study programme whose structure is such that students are assumed not to participate in any activities other than educational activities.
Hardship clause	A provision in a law or regulation that makes it possible to deviate from regulatory provisions in favour of the student or external student.
He/she	Wherever 'he/him' is used in these rules, this should also be understood to mean 'she/her'.
IELTS	International English Language Teaching System, a tool used to determine a student's command of the English language.
Institute	The operational unit at Fontys that is, in particular, responsible for organising Fontys's core competencies and that executes the primary processes.
Institute Director	The staff member charged with running a Fontys institution.
Institution	The Fontys Universities of Applied Sciences.
Intake assessment	Portfolio assessment conducted at the student's request to validate previous learning experiences prior to enrolment in the study programme. A fee covering the costs is charged for an intake assessment.
Interim examination	An examination of the knowledge, understanding, skills and/or competencies of a student required to conclude a unit of study, including an assessment of the results of such an examination ( <i>Section 7.10(1) of the WHW</i> ). An interim examination may consist of one or more parts.
IPC	Institute Participation Council
Main subject	A specific definition of the post-first year programme. ( <i>Note: A particularised version of the post-first year programme, i.e. from year 2 at the earliest</i> )
Major	That part of the Bachelor's programme with a study load of 210 credits that contributes to the competencies associated with the programme and that is directly related to the study programme(s)'s registration in the CROHO.
Minor	Programme of optional subjects within a Bachelor's programme with a study load of 30 credits that contributes to generic or specific competencies.
Minor regulations	Regulations that describe the content, the educational activities, the testing and the completion of a minor. The regulations of all minors offered by Fontys can be found on the <a href="#">Fontys website</a> . The regulations of the minors associated with a particular study programme have been included as an appendix of the study programme's TER.
Nt2 diploma	Diploma of the Nt2 official state examination in Dutch as a second language, of which programme II is considered to be the guideline for admittance to higher

	education.
Occupational requirements	The legal requirements to which the practice of a particular profession is subject ( <i>Section 7.6 of the WHW</i> ).
Part-time study programme	A part-time study programme is a study programme whose structure is such that the student is able to participate in supplementary activities, either work-related or educational, alongside the study programme.
Portfolio	A collection of evidence, digital or otherwise, with which students can demonstrate that they master the competencies of a particular study programme.
Post-foundation year phase	Second phase of a Bachelor's programme.
Principle	All study programmes offered are based on one of the following principles: non-denominational private education (NPE), Roman Catholic (RC), Protestant Christian (PC) or a combination of general special education, Roman Catholic and Protestant Christian (ab, RC, PC).
Profiling Fund Board	Board charged by the Executive Board with implementing the Profiling Fund scheme, formerly known as the FSS Board.
Profiling Fund Scheme	<u>Scheme</u> for the granting of support to students in the form of graduate funding, committee member grants or holiday allowances from the profiling fund, formerly known as the FSS scheme
PC	Opleidingscommissie (Programme Committee, PC), a committee established for a particular study programme of a school referred to in Section 10.3c of the Act (see the <u>Regulations on the Participation Councils and Degree PC's</u> ).
Tailored programme	Special programme which differs from the standard programme.
Teaching period	Period in the academic year during which educational activities are organised. A teaching period is referred to as a study quarter in the Fontys annual calendar.
TER	Teaching and examination regulations. The TER consists of a general section for all study programmes offered by the Fontys Universities of Applied Sciences as well as information specific to individual study programmes. The TER forms a part of the study programme section of the Students' Charter.
Test	Activity used to assess whether a student has certain knowledge, insight, skills and/or competencies.
Top-level athletes scheme	Scheme for top-level athletes that specifies which students are eligible to benefit from it and the facilities that they may use under it.
Student	A person who is enrolled in the institution, as referred to in Sections 7.32 up to and including 7.34 of the WHW.
Student counsellor	Staff member appointed by the Executive Board who is responsible for looking after the students' interests, providing assistance when problems occur and providing information and advice. The student counsellor is part of the Student Facilities Service ( <i>Dienst Studentenvoorzieningen</i> ).
Study Career Centre	Service provided by the Student Facilities Service ( <i>Dienst Studentenvoorzieningen</i> ) to help students with issues involving admission, transfer to another study programme/institution or the termination of their studies.
Students' Charter	The <u>charter</u> containing the rights and obligations of students, divided into an institution-specific section and a study programme-specific section.
Student entrepreneur scheme	<u>Scheme</u> which is intended to help Fontys students who are deemed student entrepreneurs to combine entrepreneurship and study.
Study career counsellor	Counsellor who helps students with issues such as planning their studies, taking the right approach to their studies, making the right choices and the progress of their study careers. <i>Also known as Mentor</i>
Study career support	Support system that focuses on the individual student's development. The student is encouraged to reflect on his or her own development as a future professional and to take responsibility for this development.
Study check advice	Advice provided to a prospective student who has participated in the study check with regard to his or her choice of Bachelor's or Associate Degree programme.
Study check	The activity offered by Fontys whereby the prospective student is given advice with respect to his or her choice of study programme. The study check consists of at least two components: a digital questionnaire and a consultation to discuss the results of the questionnaire.
Study load	The standardised time investment expressed in units of 28 study load hours related to a study programme.

Study programme	A coherent totality of educational activities aimed at achieving the well-defined objectives in the area of knowledge, insight and skills which the person completing the study programme should possess. Every study programme is recorded in the CROHO.
Study programme minor	A minor which can only be taken by students from a specific domain or study programme and which highlights one particular theme.
Study programme profile	The entire set of final qualifications for which the study programme provides training or, in other words, the professional competencies expected of a beginning professional.
Unit of study	Part of a study programme that is concluded with an interim examination as referred to in Section 7.3(2) of the WHW or an additional assessment carried out by the Examination Board, as referred to in Section 7.10(2) of the WHW. Units of study may relate to the assessment of one or more competencies, a component of competencies (knowledge, insight, skills, attitude) or a combination of competencies or of a minor. Students are awarded the relevant credits on passing the interim examination for the unit of study.
WEB	Adult and Vocational Education Act ( <i>Wet Educatie en Beroepsonderwijs</i> , WEB; Bulletin of Acts and Decrees 507, 1995, and later supplements and amendments).
WHW	The Dutch Higher Education and Research Act ( <i>Wet op het Hoger Onderwijs en Wetenschappelijk Onderzoek</i> , WHW; Bulletin of Acts and Decrees 593, 1992, and later supplements and amendments).

### **Study programme definitions**

2nd year specialisation	<i>In the second year, in addition to the profile programme, there are two units of study of 12 ECTS each, which students must pick in preparation of a specialisation other than a specialisation profile. These 24 credits can also be used in preparation of a subsequent master's programme.</i>
Course guide FHICT	<i>The course guide contains all course information of all education components. The course guide will be published on the Fontys website no later than 1 week before the start of the semester as an annex to the TER.</i>
EVC (RPL)	<i>Erkenning van eerder Verworven Competenties (Recognition of Prior Learning).</i>

## **Section 2 Admission to a Bachelor's programme**

### **Article 2 Required prior qualifications**

1. Only students with diplomas awarded on completing pre-university education (VWO), senior general secondary education (HAVO), with profiles, or senior vocational education (MBO) in middle management as well as students that have completed specialist training or a vocational training programme designated by a ministerial regulation may be admitted to a Bachelor's programme (*Section 7.24 of the WHW*).
2. Students with a certificate awarded on completing a foundation year or passing the final examination of a higher professional education (HBO) or academic higher education (WO) study programme are also entitled to be admitted to a Bachelor's programme at a university of applied sciences. Students must, however, also meet any applicable requirements regarding their previous qualifications (paragraph 4) and any other additional requirements imposed (paragraph 5). (*Section 7.28 of the WHW*.)
3. All citizens that have access to education offered by research universities or universities of applied sciences in a country that has ratified the Convention on the Recognition of Qualifications concerning Higher Education in the European Region may also be admitted to a Bachelor's programme, without prejudice to the provisions in paragraphs 4 and 5 of this article and the provisions of Article 3. This right to enrolment does not apply if the Executive Board can prove that there is a substantial difference between the general admission requirements in the territory of the country concerned and the general requirements under or pursuant to the WHW. (*Section 7.28 of the WHW*.)
4. The previous qualifications of students seeking enrolment in a Bachelor's programme are subject to the following additional requirements in respect of HAVO and/or VWO diplomas, MBO diplomas and the teacher training programme for primary education.
  - a. The following additional educational entry requirements apply to students seeking admission on the basis of a HAVO or VWO diploma (Section 7.25(1) of the WHW).  
Students who do not have the required subject cluster or did not take the right subject may be admitted provided an assessment conducted before the commencement of the study programme demonstrates that, in terms of the subject matter, the student concerned meets similar requirements. (Section 7.25(5))

of the WHW.)

The requirements to be met by the student are as follows:

HAVO or VWO or International Baccalaureate or (I)General Certificate Secondary School or any equivalent education. An equivalent education is to be assessed by Nuffic.

*b. There are no prior qualification requirements for MBO-4 diplomas.*

*c. There are no prior qualification requirements for foundation year diplomas HBO/ WO.*

5. Enrolment in a Bachelor's programme is subjected to the following additional requirements (Section 7.26 and 7.26a of the WHW):

There are no additional requirements.

6. Students who are 21 or older at the start of the study programme and do not meet the requirements regarding their previous qualifications and have not been exempted from the requirements may be still be eligible for exemption after taking an entrance examination. (*Section 7.29 of the WHW.*) (*Also see Article 3(5).*)

The aim of this examination is to determine the student's suitability to take part in the Bachelor's programme.

This test concerns mathematics, logical thinking, technical insight and English. Admission will be granted when test results are positive.

Students will be notified of the results of the entrance examination within two weeks. If the prospective student applies for enrolment on the basis of an experience certificate (issued by an acknowledged Recognition of Prior Learning (RPL) centre), this certificate will be used to determine the student's suitability to take part in the Bachelor's programme as well as their command of the Dutch language. Given that Fontys no longer has an RPL centre, RPL procedures cannot be used. Each experience certificate will have to be assessed individually to determine if it sufficiently demonstrates whether the prospective student is suitable for the programme and has a sufficient command of the Dutch language.

7. The Executive Board has declared that 'old' HAVO and VWO diplomas with subject combinations chosen by the pupil are at least equivalent to the 'new' diplomas with subject cluster requirements. Consequently, prospective students holding these types of diploma may be admitted. Students must, however, meet any requirements regarding previous qualifications (paragraph 4) and any further additional requirements (paragraph 5). (*Section 7.28 of the WHW.*)

The institute director has declared that the 'old' HAVO and VWO diplomas with old profiles are equivalent to 'new' diplomas with profile requirements. Consequently, prospective students holding these types of diploma may be admitted. Students must, however, meet any requirements regarding previous qualifications (paragraph 4) and any further additional requirements (paragraph 5). (*Section 7.28 of the WHW.*)

8. Where a student applies for admission to a study programme based on a diploma other than one of the diplomas referred to above, the institute director will decide whether that diploma is equivalent and if it grants access to the study programme. Students must, however, meet any requirements regarding previous qualifications (paragraph 4) and any further additional requirements (paragraph 5). (*Section 7.28 of the WHW.*)
9. Admission to the study programme *is not subject to* an admission quota in accordance with Sections 7.53, 7.54, 7.56a and 7.57a of the WHW.

#### **Article 2a Study choice check and study choice advice – Not applicable**

1. The study choice check consists at least of completing a digital questionnaire and a contact moment with the study programme.
2. Within 4 weeks following registration, the prospective student will receive a link to the digital questionnaire. Within 4 weeks following completion of the questionnaire, the prospective student will receive an invitation to the contact moment with the study programme.
3. The digital questionnaire can be completed in the period between 1 February and 1 June.
4. The contact moments with the study programmes are planned in the period between 1 May and 1 July.
5. The contact moment will consist of a personal interview, for students living abroad this interview will be done with a skype meeting.
6. The study choice advice will be sent to the prospective student by e-mail within ten working days of the contact moment.
7. The study choice advice offers one of 4 options:
  - A – there is a good match with our study programme;
  - B – there is a match with our study programme which certain provisos;
  - C – it is doubtful whether there is a match with our study programme;
  - D – there is no good match with our study programme.
8. The student will be given a study choice advice A in the following case:
  - all scores derived from the digital questionnaire are within our preferred profile.



The student will be given a study choice advice B in the following case:

maximal 20% of the scores are outside the scope of our preferred profile and from the interview we can conclude that the student is well informed about the content and the applied science approach of the English Bachelor course.

The student will be given a study choice advice C in the following case:

maximal 20% of the scores are outside the scope of our preferred profile and from the interview we cannot conclude that the student is well informed about the content and the applied science approach of the English Bachelor course.

The student will be given a study choice advice D in the following cases: all other situations.

9. The study choice advice is non-binding for prospective students who apply by no later than 1 May. Students who apply after 1 May will not be permitted to enrol, except in the case of a situation as referred to in Article 2(2) or of a student as referred to in Article 3(3) of the Study Choice Advice Regulations.
10. The study choice advice regulations determine the categories of students for whom the study choice advice is not obligatory.

### **Article 3 Requirements regarding foreign diplomas/international students**

1. Holders of a foreign diploma may not sit tests for which credits are awarded in the foundation year of a Dutch-taught study programme before having demonstrated to the Examination Board to have an adequate command of the Dutch language. *Not applicable.*
2. The institute director may also decide that a student with a foreign diploma may be admitted after the student has demonstrated that he or she has an adequate command of the Dutch language. *Not applicable.*
3. Students with a foreign diploma seeking admittance by virtue of an entrance examination as referred to in Article 2, paragraph 6, must be at least 21 years of age.
4. Foreign students from outside the EU who are 18 years of age or older on the date of their first enrolment must have a valid residence permit. (*Section 7.32 of the WHW.*)
5. Foreign students with a residence permit are required to earn at least 50% of the available credits each year. The IND will be informed if the student fails to meet this requirement, unless there are special circumstances due to which the student was unable to meet this requirement. Such a notification may be withheld once during the course of each study programme.
6. According to the Code of Conduct regarding International Students, international students<sup>1</sup> seeking admittance to an English-taught study programme must be able to prove that their command of the English language is at least equal to the following scores:

IELTS	6.0
TOEFL Paper	550
TOEFL Computer	213
TOEFL Internet	80
TOEIC	670

(provided the student has passed 'Speaking and writing' and 'Listening and Reading' components.)  
Cambridge ESOL FCE-C  
Exemption from this requirement can be awarded if the international student's preparatory education was followed in a country where English is the official language and language of instruction.

### **Article 4 Professional activity requirements**

*The study programme only exists as a full-time programme, in which case the professional practice environment is not subject to any requirements.*

## **Section 3 Intake assessment, exemptions, short track and tailored study programmes**

### **Article 5 Intake assessment**

1. Students entering a study programme may be obliged to take an intake assessment if they have competencies previously acquired elsewhere. Students can include the evidence of the competencies previously acquired elsewhere in their portfolios or may use this evidence to substantiate a request for exemption before the Examination Board.

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<sup>1</sup> According to the Code of Conduct regarding International Students, 'an international student' is a student with a foreign nationality.

2. Students who re-enrol after an interruption in a study programme in which they were previously enrolled will be required to take an intake assessment to determine which part of the study programme still has to be completed. No intake assessment is needed if agreements regarding re-enrolment in the study programme were already made with the Executive Board at the time that the student interrupted his study. If a student enters a study programme during the foundation year, agreements will be made on the period of time the student will be granted before he or she receives advice regarding the continuation of studies.
3. A study programme will be drawn up based on the assessment of the competencies previously acquired, which assessment is subject to the approval of the Examination Board.

#### **Article 6 Exemptions**

1. The institute director can exempt a student from the foundation year examination if the student holds a diploma, Dutch or foreign, which is at least equivalent. (Section 7.30 of the WHW.) (In the case of students who hold a foreign diploma, also see Article 3.)
2. Students who believe they are eligible for an exemption must submit an application to that end to the Examination Board. The Examination Board may grant an exemption from one or more interim examinations on the grounds of a review of an assessment or the holding of a diploma, certificate, accreditation of prior learning or similar document, such as proof of results achieved in a study programme taken at a research university or university of applied sciences and/or proof of administrative activities, with which the student can show that he or she has already met the requirements of the test in question. Exemptions are recorded in the study progress system. The period of validity of the exemption is stated in the exemption decision.
3. The Examination Board can grant an exemption from a minor based on the certificate of an accredited Bachelor's or Master's programme or on a document proving that the student completed a minor in an accredited Bachelor's or Master's programme, so long as this minor does not overlap substantially with the student's current Bachelor's programme. Exemptions based on study results from an accredited Bachelor's or Master's programme can only be granted if the student has documented proof of obtaining at least 30 credits in this study programme (for a Bachelor's programme, this requirement refers to the second and third year) and if these results do not overlap substantially with the student's current Bachelor's programme.

#### **Article 7 Short-track/tailored study programmes**

1. Students who believe they are able to proceed with and/or complete their study programmes at an accelerated pace may submit an application requesting such to the Examination Board. The study career counsellor's advice must be enclosed with the application. The organisation of the study programme must be able to accommodate the short-track option.
2. A shortened programme can be offered to students transferring from a related MBO programme. *Not applicable.*
3. Incoming students with a VWO (pre-university education) diploma may qualify for a shortened programme. *Not applicable.*
4. If tailored programmes are offered to students who, following an RPL assessment, are able to enter the study programme via accelerated tracks, these tracks are to be specified here.  
For individual students short track study programmes are created after an assessment of the student and approval from the examination board.

### **Section 4 Facilities with reference to Study career counselling, functional disability, administrative activities, top-level athletes scheme, student entrepreneurship**

#### **Article 8 Study career counselling**

1. Every student is coached by a study career counsellor.
2. In consultation with the study career counsellor, the student decides how best to work on his or her development and how to shape the learning process.
3. The student consults with the study career counsellor on the progress of the learning process
4. The study career counsellor conducts support and orientation interviews with the student in the foundation year. *Notes are made of these conversations in the Study Coach (SC) Dashboard. The student has access to this Dashboard and has the right to request his Mentor to delete data.*
5. Students may submit a request to the institute director to be assigned a different study career consultant if they can give arguments for this.

## **Article 9 Special facilities for students with a functional disability**

1. Students with a functional disability are legally entitled to effective adjustments, unless such adjustments would burden the institute disproportionately. (*Section 7.13 of the WHW.*)
2. These adjusted facilities must be aimed at the removal or restriction of any obstacles and encourage the independence and full participation of the student as much as possible. The adjusted facilities may relate to the study programme (including internships), the timetables, and type of study programme, the tests and educational tools.
3. A student who seeks to have adjusted facilities must submit a written and substantiated application in good time to the Examination Board. If necessary, the Examination Board will seek an expert's advice (such as a student counsellor) before taking a decision. If the Examination Board deems it necessary before taking a decision, it may confidentially inspect the medical certificate that may be available with the student counsellor, unless the student objects.  
The Examination Board must decide within four work weeks after receipt of the application, unless it requires further inquiry, in which case the student will be informed as to when more clarity can be given with respect to his or her application.
4. In the case of a protracted or chronic disability, such an application will only have to be made once for the entire study programme; in all other cases once per testing period or academic year. In its decision to grant the facilities, the Examination Board may also rule that these will apply for the entire duration of the student's study or that the student is to consult with his study career consultant annually to discuss whether the facilities are still adequate.
5. At the beginning of the academic year the institute will inform students regarding the possibilities for special facilities. Students will be informed of their right to consult a student counsellor.

## **Article 10 Students with board memberships**

1. Student can include any board memberships as part of their portfolios. In order to do so, they must describe, in consultation with their study career counsellors, how the board membership can contribute to the acquisition of one or more competencies of their Bachelor's programme. The Student Centre must confirm on the report that the student concerned has been active as a member of the DC, IPC, CPC, or FSR.
2. Board memberships can be listed on the diploma supplement. The student must request the listing at least 6 weeks prior to the graduation *ceremony* via the study programme administration.  
At the request of the student's study programme, the Centre for Administrative Activities (CAA) can confirm that the student has been an active board member of a CPC. In the case of board memberships of a PC or IPC, the study programme can request confirmation from the relevant IPC or PC.
3. Students who believe that their board memberships demonstrate that they have the knowledge, insight and / or skills, etc. that are assessed in particular tests for which credits are awarded may apply for an exemption from such tests from the Examination Board.
1. A student may apply to be included under the Profiling Fund Scheme (FSS Scheme) on the basis of his administrative activities and submit a request to his institution for a attendance allowance or for a board membership scholarship from the Profiling Fund Board (FSS Board).  
See also article 14 of the Participation Regulations on the participation councils and PC'S.

## **Article 11 Top-level athletes scheme**

Students who have been granted a Top-Class Sport or Talent status are entitled to facilities from the Top-Class Sport Scheme. Facilities regarding the adjustment of tests or test timetables, an adjusted arrangement regarding compulsory attendance, working in groups and an adjusted internship. These facilities must be sought from the Examination Board.

## **Article 11a Student entrepreneurship**

Students who are eligible for the Student Entrepreneurship Scheme may apply to the Examination Board, among others, for facilities regarding the adjustment of tests or test timetables, an adjusted arrangement regarding compulsory attendance for educational activities, working in groups and an adjusted internship. These facilities should be sought from the Examination Board.

Advice regarding the continuation of studies may be deferred for students with entrepreneur status. (see article 32)

## Section 5 Study programme content

### Article 12 Study programme profile – specialisations/differentiations – occupational requirements

1. The study programme is based on a study programme profile. The exit qualifications of the study programme are described in the study programme profile. The study programme profile can be found in *Appendix A*.
2. The study programme has the following specialisations:
  - *ICT & Software Engineering;*
  - *ICT & Business;*
  - *ICT & Technology;*

*For the following specialisations see the TER 2019-2020 full time Dutch Stream:*

  - *ICT & Applied Data Science*
  - *ICT & Cyber Security*
  - *ICT & Game Design and Technology*
  - *ICT & Management and Security*
  - *ICT & Media Design*
  - *ICT & Open Innovations*
  - *ICT & Smart Mobile*
3. The study programme's denomination is NPE (non-denominational private education).
4. The study programme does not impose any specific occupational requirements.

### Article 13 Study programme layout

1. Each Bachelor's programme has a foundation year phase with a study load of 60 credits, which is concluded with the foundation year examination. The function of the foundation year is to orientate the student, allowing him or her to make suitable choices.
2. A Bachelor's programme has a study load of 240 credits with a nominal course load of 60 credits per academic year and consists of a major and a minor. The major has a study load of 210 credits. The minor has a study load of 30 credits.

### Article 14 Overview of units of study and credits

1. Every study programme consists of a coherent set of units of study, which are components of a study programme concluded with an interim examination. Units of study cannot exceed 30 credits.
2. Only whole credits are awarded for units of study. Below you will find an overview of the distribution of credits
3. All courses are taught in English.
4. *Every specialisation consists of 8 units of study of 30 credits each. The courses and tests for each unit of study are specified in Article 16 together with the passing criteria of the units. This overview applies to the cohorts of 2016-2017 onwards til cohort 2018-2019.*

Specialisation ICT & Software Engineering	EC's	Entry Requirements
Propedeuse SBT, first semester	30	
Propedeuse S, second semester	30	≥ 50% Propedeuse SBT, first semester
Corephase S, first semester	30	Propedeuse SBT, first semester + ≥ 50% Propedeuse ST, second semester
Corephase S, second semester	30	Propedeuse SBT, second semester ST + ≥ 50% Corephase S, first semester
Internship	30	Corephase S first semester or Corephase S second semester
Bachelorphase S	30	Corephase S, second semester (+ internship)
Minor (free choice)	30	Corephase S, first semester + ≥ 50% Corephase S, second semester
Graduation Project	30	Propedeuse + Corephase + Internship + minor + ≥ 80% of Bachelorphase S

Specialisation ICT & Business	EC's	Entry Requirements
Propedeuse SBT, first semester	30	
Propedeuse B, second semester	30	≥ 50% Propedeuse SBT, first semester

Corephase B, first semester	30	Propedeuse SBT, first semester ≥ 50% Propedeuse B, second semester
Corephase B, second semester	30	Propedeuse B, second semester + ≥ 50% Corephase B, first semester
Internship	30	Corephase B first semester or Corephase B second semester
Bachelorphase B	30	Corephase B, second semester (+ internship)
Minor (free choice)	30	Corephase B, first semester + ≥ 50% Corephase B, second semester
Graduation Project	30	Propedeuse + Corephase + Internship + minor + ≥ 80% of Bachelorphase B

Specialisation ICT & Technology	EC's	Entry Requirements
Propedeuse SBT, first semester	30	
Propedeuse T, second semester	30	≥ 50% Propedeuse SBT, first semester
Corephase T, first semester	30	Propedeuse SBT, first semester + ≥ 50% Propedeuse T, second semester
Corephase T, second semester	30	Propedeuse ST, second semester + ≥ 50% Corephase T, first semester
Internship	30	Corephase T first semester or Corephase T second semester
Bachelorphase T	30	Corephase T, second semester (+ internship)
Minor (Embedded Software)	30	Corephase T, first semester + ≥ 50% Corephase T, second semester
Graduation Project	30	Propedeuse + Corephase + Internship + minor + ≥ 80% of Bachelorphase S

#### Article 15 Content of minors and other special programmes

*Students are not restricted in their choice of a minor, whether the minor is a minor specific to a study programme or one offered across Fontys, or an external minor, provided there is no overlap with the major programme (see also paragraph 2). The minors below cannot be taken owing to overlap with the major programme:*

*The Fontys minor DDBL cannot be taken by students who are graduating in ICT & Business.*

1. Students who want to take a minor abroad or an external minor must seek the Examination Board's permission regarding their personal choices with respect to the minor prior to its start. Participation in a minor requires students to have passed the foundation year examination, unless the Examination Board grants them permission to take the minor without fulfilling this requirement. The minor must be taken in semester 6 or 7.
2. Enrolment in a minor must be done before the start date as stated on the [Fontys minor portal](#) or in the Minor Regulations.
3. High-achieving students can take a minor on top of the regular study programme of 240 credits. This is subject to the following conditions:
  - students need to have passed all credits from the first and second year in a nominal study pace and have achieved an average grade of more than 7.5.
 A minor that has been passed will be mentioned on the diploma supplement.

#### Article 16 Education components

1. Below is an overview of the education components that are part of the study programme. *The educational activities are outlined in the FHICT course guide and in the course books. The course guide will be published on the website no later than 1 week before the start of the semester.*  
The following courses : Project Pphase, Project Cphase, internship, Project Bphase, Project C++ and Graduation Project are projects.  
For all other courses the educational activities are a mix of theory and practical.

To pass the interim examination for the units of study : internship and graduation project, the student needs to have a minimum grade of 6 for the test (type 8). To pass the interim examination for all other units of study the student must have a sufficient grade for all courses within that unit. The scale of assessment for every unit of study is 1..10. The grade for a unit of study is determined by the weighted average of the courses within that unit with type test 1, 2, 3, 4, 6 and 8. See article 18.

This overview only applies to cohorts 2016-2017, 2017-2018 and 2018-2019.

For the first semester see the TER 2019-2020 HBO-ICT full time – three teaching methods.

<b>Propedeuse S, second semester</b>	<b>Study Load Hours</b>	<b>type test</b>
Mathematics 3	56	1
Databases 3	84	1
Programming in C# 3	112	1
Programming in C# 4	112	1
Web Development 1	84	4
Networks for S	84	3
Professional Orientation/Personal Development	84	5
Project P-phase	224	4
	840	

<b>Propedeuse B, second semester</b>	<b>Study Load Hours</b>	<b>type test</b>
Business Economics 1	84	1
Business Economics 2	84	1
Web Development 1	84	4
Networks for B	84	2
Excel	84	1
Statistics	84	1
Professional Orientation/Personal Development	84	7
Programming for Business	28	5
Project P-phase	224	5
	840	

<b>Propedeuse T, second semester</b>	<b>Study Load Hours</b>	<b>type test</b>
Embedded Systems 1	84	3
Embedded Systems 2	56	3
Programming in C# 3	112	1
Programming in C# 4	112	1
Networks for T	84	2
Web Development 1	84	4
Professional Orientation/Personal Development	84	5
Project P-phase	224	4
	840	

<b>Corephase S, first semester</b>	<b>Study Load Hours</b>	<b>type test</b>
Object Oriented Development 1	84	3
System Development	84	1
User Interface Design	84	2
Web Development 2	84	4
Web Development 3	84	4
Databases 4	84	1
2 <sup>nd</sup> year specialisation 1: Joined semester with Dutch students	336	See TER HBO ICT fulltime (Dutch Stream)
	840	

<b>Corephase B, first semester</b>	<b>Study Load Hours</b>	<b>type test</b>
System Development B 1	84	1
System Development B 2	84	1
Databases 3	84	1
Quality Principles	84	2
Object Oriented Development for Business	84	3
E-Business	84	2

2 <sup>nd</sup> year specialisation 1: Joined semester with Dutch students	336	See TER HBO ICT fulltime (Dutch Stream)
	840	

<b>Corephase T, first semester</b>	<b>Study Load Hours</b>	<b>type test</b>
Object Oriented Development 1	84	3
Distributed Embedded Systems	84	4
Programming C	84	3
Embedded Systems 3	84	3
Embedded Systems 4	84	3
Embedded Linux	84	4
2 <sup>nd</sup> year specialisation 1: Joined semester with Dutch students	336	See TER HBO ICT fulltime (Dutch Stream)
	840	

<b>Corephase S, second semester</b>	<b>Study Load Hours</b>	<b>type test</b>
Client Server Architecture	84	2
Design Patterns	84	4
Operating Systems 1	84	1
Project C-phase	140	4
Operating Systems 2	84	1
Professional Orientation/Personal Development 3	28	4
2 <sup>nd</sup> year specialisation 2: Joined semester with Dutch students	336	See TER HBO ICT fulltime (Dutch Stream)
	840	

<b>Corephase B, second semester</b>	<b>Study Load Hours</b>	<b>type test</b>
BI-NL-Sem 4 – International Business	504	4
2 <sup>nd</sup> year specialisation 2: Joined semester with Dutch students	336	See TER HBO ICT fulltime (Dutch Stream)
	840	

<b>Corephase T, second semester</b>	<b>Study Load Hours</b>	<b>type test</b>
Mathematics 4	56	1
Programming C++	84	2
Client Server Applications	84	2
Embedded Systems Project	84	4
Feedback Control Systems	84	3
Industrial Automation	84	4
Professional Orientation/Personal Development 3	28	4
2 <sup>nd</sup> year specialisation 2: Joined semester with Dutch students	336	See TER HBO ICT fulltime (Dutch Stream)
	840	

Internship	840	8
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Minor	840	8
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<b>Bachelorphase S</b>	<b>Study Load Hours</b>	<b>type test</b>
Trends & Hypes	56	4
Project E-phase	196	4

<b>Elective modules: 588 Study Load Hours</b>		
Android 1*	84	2
Android 2*	84	4
Automata and Logic software Engineering 1	84	4
Automata and Logic software Engineering 2	84	4
Business Economics 1	84	1
Business Economics 2	84	1
Continues Integration	84	4
Applied Linear Algebra	84	2
E-Business	84	2
Quality Principles	84	2
Data Warehousing	84	2
System Developments 3	84	1
System Developments 4	84	1
Secure Programming	84	2
IT Operations	84	2
Image Processing	84	4
Service Oriented Techniques	84	4
Service Application Integration	84	4
	<b>840</b>	

\*) Not for students who completed the specialisation Smart Mobile-Android successfully

<b>Bachelorphase B</b>	<b>Study Load Hours</b>	<b>type test</b>
Project B-phase	196	4
Trends & Hypes	56	4
<b>Elective modules: 588 SLH</b>		
System Developments 3	84	1
System Developments 4	84	1
IT Operations	84	2
Use Interface Design	84	2
Business and IT Alignment	84	3
Critical Thinking	84	4
Auditing to be Decided	84	4
Management of Technology	84	4
Data Warehousing	84	2
Databases 4	84	1
	<b>840</b>	

<b>Bachelorphase T</b>	<b>Study Load Hours</b>	<b>type test</b>
Semester 6 Technology: Joined semester with Dutch Technology Students	840	See TER HBO ICT fulltime (Dutch Stream)

Graduation Project	840	8
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- The education components of the minors are described in the minor regulations. The regulations governing the minors offered across Fontys can be found at the [website](#). The regulations governing minors specific to study programmes are included as an appendix to the coordinating institute's TER.
- Any entry requirements a student must meet before participating in an education component are stated in the overview as referred to in paragraph 1.
- Participation in education components in the post-foundation year phase is allowed after passing the foundation year examination. The Examination Board may grant permission to a student who has not passed the foundation year examination to participate in education components in the post-foundation year phase. (*Section 7.30 of the WHW.*)
- Enrolment in the education components is not required.
- Students who have registered for an education component must ensure that they meet the entry requirements of that component. The overview in Article 16, paragraph 1, indicates the education components to which requirements apply for participation as well as the nature of these requirements. If the requirements concern compulsory attendance, students who are eligible for the top-level athletes scheme or the [student entrepreneur scheme](#) can apply to meet this requirement in a parallel group or for exemption from this obligation (see also Article 11 and 11a).



## Article 16a - Evaluation of teaching

The teaching provided during the study programme is evaluated in the following way.

*During the semester teaching (and teacher) evaluations are sent out to all students (with the exception of graduating students and internship students). Sessions will be scheduled for each course to discuss the results of the teaching evaluations. Given the nature of the starting semester, teaching evaluations are also held at the end of the opening semester. In the case of internships or graduation, the teaching evaluations are made available to students at the end of the semester. The results of the teaching evaluation are published on the student platform. Improvement made as a result of the teaching evaluations are laid down in the course descriptions or on Canvas. The results of the teaching evaluations are taken into account in the performance review cycle of teaching staff. For questions or complaints contact [kwalityteitszorg-fhict@fontys.nl](mailto:kwalityteitszorg-fhict@fontys.nl).*

## Section 6 Tests, assessment and study progress

### Article 17 Types of tests

1. The study programme has the following test types:

Test with credits result in the immediate award of credits when passed. If the examination of a unit of study consists of a number of individual tests, the credits will be awarded as soon as the unit of study has been passed.

2. A test comprises an examination conducted by the examiner of a student's knowledge, insight, skills or competencies as well as an assessment of the examination results.
3. Tests are conducted in writing or orally or in a fashion that combines both writing and oral delivery (e.g. product and presentation/interview).

*A mixed (combined) test relates to an oral examination regarding a professional product. Oral tests are never on the basis of a professional product.*

4. An oral examination, including an assessment, is conducted by at least two examiners, with one of them acting as the first examiner designated by the (chairman of the) Examination Board. A report must always be drawn up of an oral test to enable an assessment of the quality afterwards. A test may be conducted by a single examiner only following the approval of the Examination Board and provided the student does not object. *A combined test is also conducted by at least two examiners.*

An oral test is held in public. Interested parties who wish to attend an oral test must submit a request to that effect to the examiner(s) at least two weeks before the test is held. The examiner must inform the student who is taking the test. If the student objects, the request to attend the oral test will in any event be rejected. Any rejection by the examiner will be substantiated.

When the Examination Board offers students the possibility to sit an additional oral test by way of replacement of a regular test, it will always be conducted and assessed by two examiners.

### Article 18 Overview of tests

The following tests are part of the study programme:

Test	Test type	Individual/group	Assessment scale
Type 1	written exam	individual	1..10
Type 2	written exam + practical result = result written exam provided practicum is sufficient	individual	1..10
Type 3	written exam + practical result = weighted average of result written exam and result practicum	individual	1..10
Type 4	assignments	individual	1..10
Type 5	assignments	individual	Outstanding / good / satisfactory / unsatisfactory
Type 6	oral exam	individual	1..10
Type 7	report	individual	Outstanding / good / satisfactory / unsatisfactory
Type 8	report	individual	1..10

### Article 19 Tests and assessments

1. The Examination Board will designate one or more examiners for each test. An examiner can also be an external expert.

2. The assessment of minors is described in the minor regulations. The examiner of the minor determines whether a student has passed the tests. The Examination Board of the coordinating institute that offers the minor must determine whether the student has passed the minor and ensure that the student receives a certificate. The result achieved for the minor is forwarded to the programme administration of the study programme in which the student concerned is enrolled.

#### **Article 20 Content of tests, duration of the test and test aids and test timetables**

1. The content of the test, including the learning objectives, is described in the module description booklet, to be found on the website (<https://portal.fhict.nl/es>) and is made available to students 1 week before the start of the semester with the publication of the module description booklet.
2. The examiner determines the period of time allowed to students to take the test as well as any aids that students may use during the test, subject to the guidelines and instructions provided by the Examination Board. This information must be stated on the examination paper and in the module description booklet.
3. The test timetable will be published through intranet or mailing no later than 1 week before the start of the test period in question.

#### **Article 21 Sitting competency examinations**

There are no competency examinations.

#### **Article 22 Registration for tests**

1. *Registration for tests is not required.*

#### **Article 23 Proof of identity during tests**

Students must prove their identity at every test by showing a legally valid form of ID other than a student ID card

#### **Article 24 Test marking system**

1. The assignments, questions, assessment norms and criteria are determined by the examiners with due regard for the guidelines and instructions provided by the Examination Board. The examiner conducts the test and determines the result on the basis of the determined assessment standards and assessment criteria.
2. If one and the same test is conducted and assessed by more than one examiner, the Examination Board will ensure that these examiners adhere to the same standards and criteria.

#### **Article 25 Test results**

1. The test results must be announced in writing to the student within ten working days of the date of the test apart from the exceptions laid down in the Teaching and Examination Regulations.  
*Unforeseen circumstances provide an exception to the above, if they cannot be reasonably or fairly attributed to the examiner, such as in the case of severe illness or a death in the family.* The study programme administration is responsible for announcing the test results. The privacy of students will be respected when test results are announced.
2. Students are entitled to inspect all assessed tests and the accompanying assessment criteria and to be given feedback on the results.
3. Inspection is subject to the procedure described below.  
After every test period the student have 10 working days in which they can request for an inspection of their exam papers and receive feedback on these tests. The procedure and exact dates will be communicated to the student through intranet (<https://portal.fhict.nl/es/SitePages/Home.aspx>), at the beginning of each test period.
4. Students will receive a general e-mail with a link to the student's current academic accomplishments in Progress. This email will also offer the student the possibility to collect a list of marks authenticated with a stamp and registered signature from which the students may derive rights.

#### **Article 26 Inability to sit tests**

1. Students who have acted in accordance with the registration procedure described in Article 22 but who are unable to sit the test for reasons beyond their control, the legitimacy of which reasons is subject to assessment by the Examination Board, may apply to the Examination Board to sit the test within a period of time to be set by the Board.

2. The application referred to in the previous paragraph must be submitted in writing to the chairman of the Examination Board and include the necessary evidence. The Examination Board will then take a decision and inform the student concerned. If the request is granted, the Examination Board will set a date, time and place for the test. Any rejection of the request will be substantiated and the student will be informed of his or her right to appeal. In assessing the request, the Examination Board's primary criteria are the obstruction of the study progress and the student's personal circumstances.
3. If such a request relates to a test of a minor offered across Fontys, the student must direct the request to the coordinating institute responsible for the minor, as described in regulations governing the minor.

#### **Article 27 Request for a review**

1. Students who do not agree with an assessment can submit a request for a review of the assessment to the Examination Board within 4 working weeks after the date of the assessment (see Article 44 of the Students' Charter). The Examination Board must take a decision within 4 work weeks at a maximum.
2. Students may also appeal directly to the Examination Appeals Board within 6 calendar weeks after the date of the assessment via [www.fontys.nl/studentenloket](http://www.fontys.nl/studentenloket). (see Article 45 and Article 46 of the Students' Charter)

#### **Article 28 Resits**

1. Tests are conducted at least twice an academic year.  
If a student takes a course for the first time in the spring semester, the resit will be scheduled in the following semester, e.g. in the next academic year.  
Students can resit components marked with a pass no more than once, and at least once, in which case the highest mark will count.
2. Students will be offered at least two opportunities to take tests that assess the material they have learned. Following these two test opportunities, the material to be studied for the test may be adapted to the material offered in the teaching block prior to the test. An up-to-date description of the material to be tested can be found via <https://portal.fhict.nl/es/SitePages/Home.aspx>

#### **Article 29 Period of validity of results**

1. The period of validity of successfully completed component tests is *the semester in which the component test was taken*.  
Results achieved for interim examinations can only lapse if the understanding / knowledge / skills to which these interim examinations relate can be shown to be obsolete. Understanding, knowledge and skills that were assessed more than 10 years ago can evidently be shown to be obsolete.  
The period of validity of successfully completed interim examinations is:  
*10 years*  
The Examination Board may extend this term.
2. In the event of special circumstances as referred to in the Profiling Fund Scheme, the period of validity of interim examinations will as a minimum be extended by the duration of the support granted on the basis of that scheme.
3. If the study programme has been substantially altered, details on how this term will be restricted can be stated below, whether in the form of a written decision issued to a student or incorporation in the Teaching and Examination Regulations, if it applies to the entire cohort.

#### **Article 30 Final paper - Knowledge bank**

1. *Students who write a final paper as part of the study programme must submit the paper digitally, as one document, to enable its filing in one or more digital knowledge bank(s). On submission of the final paper, students must also attach the signed 'Permission form for the filing and making available of a final paper in a digital knowledge bank'. With this form, students give their permission for the final paper to be entered in the knowledge bank and for it to be made available to potential users at the university of applied sciences and elsewhere.*  
*On submission of the digital final paper, the student and/or client and/or organisation offering the internship may indicate their objection to the final paper being entered in the databank.*

#### **Article 31 Study progress**

1. The study programme is responsible for recording the test results in the programme administration.  
*Administrative errors may be corrected after the grades have been entered, provided it can be demonstrated that such instances were in fact cases of administrative error.*

## Article 32 Advice regarding the continuation of studies

1. During the first year of enrolment in the propaedeutic (first-year) phase of a study programme and, where possible, prior to the start of the second semester, the student is given advice on his or her study progress. If the study progress is unsatisfactory, the student will receive a written warning and be told that if the study progress continues to be unsatisfactory, he or she will receive a binding negative advice regarding the continuation of his studies. A reasonable period within which the student must have improved his or her grade point average and the opportunities a study programme offers in that regard are stated in the warning. (*Section 7.8b of the Act.*)

A student who has not received a warning at that stage may yet receive one at a later point in the first year if he or she has fallen behind, and will be given a period within which to improve his or her grade point average.

The student will be given a warning in the following cases:

*the student has not passed the unit Propedeuse SBT first semester.*

2. The study programme must give students advice regarding the continuation of studies in writing before the end of their first year of enrolment (12 months) in the foundation phase. Advice may be related not only to the continuation of the study programme, but also to the specialisation the student may take. Advice regarding the continuation of studies can be negative (binding negative study advice), meaning that the student's enrolment in that particular study programme will be terminated and that he or she will not be allowed to re-enrol in the same study programme.

*HBO-ICT English Stream does not have a joint foundation year with another study programme.*

3. Advice regarding the continuation of studies is based on the student's results in the foundation year. The Examination Board advises the institute director on advice regarding the continuation of studies to be given. This advice must take into account the student's personal circumstances. Students must report any personal circumstances to their study career counsellors or student counsellors the moment they occur.

If the student misses the deadline for reporting special circumstances, the Examination Board will examine whether it was excusable for the student to miss the deadline for reporting those circumstances. Engaging in top-level sports activities by students who have been granted a Top-Class Sport or Talent status are entitled is regarded as a special circumstance, on the basis of which the delivery of advice regarding the continuation of studies is deferred. The practice of running a business of his or her own by student entrepreneurs who have been awarded student entrepreneur status, as defined in the Fontys student entrepreneur scheme, is also regarded as a special circumstance, on the basis of which the delivery of advice regarding the continuation of studies is deferred. However, a minimum number of credits which must be achieved to qualify for that deferral may be specified for student entrepreneurs (see also paragraph 4 of this article).

4. The student will be given a positive study advice regarding the continuation of studies in the following cases:

*the student has passed the unit Propedeuse SBT, first semester.*

The student will be given binding negative study advice regarding the continuation of studies in the following cases:

*the student has not passed the unit Propedeuse SBT, first semester.*

*If the student has exemptions for some courses he or she follows a custom study programme approved by the exam board. In such case, the criteria for the study advice are documented along with the custom study programme.*

The minimum number of credits which that must be achieved to qualify for that deferral for student entrepreneurs is 15.

5. Where there are special circumstances as defined in paragraph 3 of this article which may have had an influence on the credits the student obtained, the delivery of advice regarding the continuation of studies may be deferred until the end of the second year of enrolment or until the end of a shorter period. At the end of the second year or the shorter period, there will be a further review of whether the student has met the criteria as defined in paragraph 4.
6. Students who submit a new enrolment request after having unenrolled during the first year of enrolment will be given a warning from the director stating his expectation that they may not be suitable for the study programme. The director must seek the advice from the Examination Board before doing so. The number of months of enrolment students have left before being given advice regarding the continuation of studies must also be determined in the event the student should decide to enrol in the same study programme at a later date (see also Article 35).

### **Article 33 Additional provisions concerning binding negative advice regarding the continuation of studies**

1. An institute wishing to issue binding negative advice regarding the continuation of studies must make provisions that allow for, among other things, a student's personal circumstances and which are aimed at guaranteeing a student's good progress.
2. Binding negative advice regarding the continuation of studies is valid for a period of 7 years.
3. At the student's request, the institute director can give permission for a student to re-enrol in spite of the binding negative advice as referred to in Section 7.8b(3) of the WHW.
4. A binding negative advice regarding the continuation of studies refers to the full-time, part-time and dual forms of the study programme, unless otherwise stated.
5. Each binding negative advice regarding the continuation of studies must expressly state that the binding negative advice only refers to the study programme mentioned. Each binding negative advice regarding the continuation of studies comes with a referral to either another study programme or to a student counsellor or Student Career Centre.

## **Section 7 Graduation**

### **Article 34 Examinations - certificates - diploma supplement**

1. Students have passed the examination of the foundation year, *the associate degree programme* or the study programme if they have passed all units of study which form part of the foundation year, *the associate degree programme* or the study programme, as referred to in section 14. (*Section 7.10 of the WHW.*)
2. Certificates are given at the following occasions:
  - on passing the foundation year examination;
  - on passing the study programme's final examination.
3. The certificate will only be given after it has been established that the student is enrolled and has paid his or her tuition fees for all the enrolment years. (*Section 7.11 of the WHW.*)
4. After passing the examination, the Examination Board awards the certificate. The certificate is dated on the date of the student's final academic activity. The certificate of a study programme comes with a diploma supplement.

The Examination Board will determine that the student has passed within a maximum of eight calendar weeks after the last academic activity.

If the student wishes for the certificate to be dated later, the student must postpone the completion of his or her final academic activity.
5. The certificate is signed on behalf of the Examination Board by the (deputy) chairman, the (deputy) secretary, the candidate and, if applicable, an external expert. (*Section 7.11 of the WHW.*)

On behalf of the institute, the Examination Board also confers on the student the degree if the student has taken the study programme examination.

For the study programme's examination the Bachelor of Science (BSc) is awarded.
6. The award ceremony takes place at a time decided by the institute.
7. The certificates of students whose performance has been extraordinary will state the distinctions referred to below. The distinction 'cum laude' is the highest degree possible.

Students will be awarded the distinction 'cum laude' if they meet the following criteria:  
*The student has achieved a grade of 8 or higher for all the units of study from the fourth year.*
8. The Executive Board reports to DUO the students that have passed the final examination of the study programme.

### **Article 35 Statement on departure**

1. Every student who seeks to terminate his or her enrolment without having passed the study programme's final examination will be invited for an interview.
2. At the student's request, the student may be issued a statement listing any results achieved. *Results of successful tests without credits can be converted into an equivalent of credits based on the study load.* (*Section 7.11 of the WHW.*)
3. The statement must specify that the test results will in principle be valid for seven years. The statement can include a reservation in the event of a substantial overhaul of the study programme.

## Article 36 Transfer

1. Any specific arrangements made with one or more universities with respect to the Bachelor's programme in order to facilitate the smooth transfer of students to a university Master's programme are detailed below.
2. *Students who want to transfer in a Technical Master program at TU/e or UvT, need to successfully finalize a so-called pre-Master program of 30 EC's. For students who are excellent, especially, with the mathematics modules, we offer the possibility to completely finalize this pre-Master program during their Bachelor program at Fontys University. For the entry requirements and more information contact the secretary of the Examination Board.*

## Section 8 Irregularities and fraud

### Article 37 Irregularities and fraud

1. If irregularities are discovered in connection with a test, as a result of which the Examination Board cannot guarantee the test's quality and any of its results, the Examination Board may forgo having the test checked, or declare a test result void. In such cases, the Examination Board must ensure that an opportunity to resit the test in the near future is offered to the affected students.
2. If a student is guilty of an irregularity committed with respect to (a component of) an examination or fraud, the Examination Board may exclude the student from sitting one or more tests of the study programme for a period to be determined by the Examination Board but which will not exceed one year. If the test has already been assessed, the result will be declared void.  
*Violation of regulations concerning the conduct of tests will also be deemed fraud. The regulations are available on the intranet.*
3. In the case of serious fraud, the Examination Board can propose to the Executive Board that the enrolment of the student involved be prematurely terminated (*Section 7.12b of the WHW.*)
4. If the irregularity or fraud is only discovered after the examination, the Examination Board may withhold or claim back the certificate of the study programme or decide that the certificate will not be issued unless the student sits a new test or examination in the components to be determined by the Examination Board and in a fashion to be determined by the Examination Board
5. Before taking a decision, the Examination Board will hear the student and any other interested parties. A report will be drawn up of this hearing, of which a copy is forwarded to the student. The Examination Board must notify the student of its decision without delay, which notification can be given orally if required but must in any event also be issued in writing. Furthermore, the student is informed of his right of appeal.
6. The Examination Board makes up a report of its decision and the facts it is based on.

## Section 9 Examination Board, appeal

### Article 38 Examination Board

1. The institute director establishes an Examination Board for each study programme or group of study programmes.
2. The Examination Board's duties and responsibilities are laid down in the WHW. (*Sections 7.12, 7.12b and 7.12c of the WHW*). These include the following duties and responsibilities:
  - responsibility for guaranteeing the quality of testing;
  - responsibility for guaranteeing the quality of the organisation of and the procedures surrounding tests and examinations;
  - responsibility for (the course of affairs surrounding) the conduct of tests of a study programme;
  - to determine objectively and professionally whether a student has passed an examination;
  - to award certificates and the diploma supplement;
  - to determine alternative tracks;
  - to assess applications for exemptions and reviews and to award applications for special facilities;
  - to determine whether an examination has been conducted in a way other than that prescribed in the TER;
  - approval of the details of a foreign minor or external minor;
  - to give advice to the institute director on advice regarding the continuation of studies to be issued.The composition of the Examination Board is laid down separately in the *Composition of the Examination Board*.

3. An application to the Examination Board can be submitted to [fhict-examboardes@fontys.nl](mailto:fhict-examboardes@fontys.nl) (see also Article 27).

### **Article 39 Appeals**

1. Student who do not agree with a decision of the Examination Board can lodge an appeal against this decision within six calendar weeks with the Examination Appeals Board via [www.fontys.nl/studentenloket](http://www.fontys.nl/studentenloket). (see **Article 45 and Article 46 of the Students' Charter**) see Articles 45 and 46 of the Students' Charter, (<https://fontys.edu/About-us/Who-we-are/Rules-regulations.htm>). (Section 7.61 of the WHW.)

## **Section 10 Retention and hardship clause**

### **Article 40 Retention of documentation**

1. The Examination Board is responsible for retaining the minutes of its meetings and its decisions for a period of seven years.
2. The Examination Board is responsible for retaining its issued statements, among others, the statement on departure of a student who terminates his or her enrolment without having passed the study programme's final examination, for a period of ten years.
3. The Examination Board will ensure that the following information on each student will remain in the institute's archives for 50 years:
  - information on whether each student has obtained a foundation year certificate and/or a certificate of higher professional education including the list of marks.
4. The institute director is responsible for retaining test papers/assignments, assessment criteria, marking standardisation, pass marks, test matrices and test analyses for a period of seven years.
5. The institute director is responsible for retaining the lists drawn up and signed by the examiners containing the results achieved for a period of ten years.
6. The institute director is responsible for ensuring that all final papers and other kinds of tests in which students demonstrate their command of all aspects of the final attainment level, including assessments, will be kept for a period of seven years.
7. For the purpose of the external assessment of the programme in connection with accreditation, the institute director will ensure retention of a representative set of tests, including assessments, for a period of two years after the assessment.
8. The institute director is responsible for ensuring that the work completed by the student (written and non-written, including digital work) including assessments, with the exception of the work forming part of the representative set of final papers, is either destroyed or returned to the student after the expiry of a term of at least six months following the publication of the result. This term may be extended if necessary in connection with an appeal procedure.

### **Article 41 Hardship clause**

1. The Examination Board can make provisions for serious injustices that occur as a result of the application of these rules; it can also make decisions in cases not provided for by these rules. In order to decide whether the hardship clause must be applied, the Examination Board must weigh the interests of the student concerned and those of the study programme. Cases requiring immediate action may be heard by the chairperson of the Examination Board or his or her deputy after which the other members must be notified as soon as possible.
2. Students must apply in writing, stating reasons, to the Examination Board for the application of the hardship clause in accordance with Article 44 of the Students' Charter. The Examination Board decides on the student's application and communicates this decision in writing, stating reasons, to the student concerned, who is also informed of his or her right of appeal.

## **Section 11 Final provisions and implementation**

### **Article 42 Entry into force, amendments, publication and official title**

1. The TER applies to all students enrolled in the study programme in question during the 2019-2020 academic year. The units of study and the education components (article 14 and 16) in this TER are only valid for the cohort 2016-2017, 2017-2018 and 2018-2019 cohort. The study programmes of older

cohorts are available in study guides on the intranet. *This TER does not apply to students who will start in the first semester from September 2019 and students who will start in the second semester from February 2020. The '2019-2020 TER HBO-ICT Full-time – three teaching methods' applies to these students.*

2. The general section of these regulations and any amendments thereto will be established by the Executive Board, after having obtained the consent of the students' section of the Central Participation Council. PC's will be given an opportunity to issue advice to the CPC. That general section of the TER constitutes the basis on which the study programme-specific TER for each study programme will be drawn up before being submitted to the Examination Board and the (joint) study PC and IPC for their advice/consent. The (joint) study PC advises the institute director and sends its advice to the IPC for informational purposes. The IPC advises the institute director and sends its advice to the (joint) study PC. The establishment of and amendments to the study programme-specific TER are effected following a proposal from the institute and require the consent of the students' section of the competent IPC and the (joint) study PC (*see Sections 10.20 and 7.13 of the WHW.*)
3. The text of the TER can be amended if warranted by changes to the organisation or organisational components with due observance of the provisions of paragraph 4. In the event of an interim change, the procedure as described in paragraph 2 applies.
4. If the interests of an individual student are prejudiced as a result of interim amendments of the regulations, the student may submit a written application to the Examination Board to protest against the amendment of the rules. The Examination Board examines the student's application and bases its decision on a weighing-up of the interest of the individual student on the one hand and the interest of the quality of the study programme on the other.
5. The institute director adopts the study programme-specific TER before 1 June of the academic year preceding the academic year that starts on 1 September. He ensures the publication of the study programme-specific component of these regulations and any amendments thereto by making them available for inspection with the secretariat of the study programme and placing them on the website.
6. The text of the TER may be adapted if required following changes in the organisation or parts of it, without prejudice to the provisions of paragraph 3.
7. The official title of the Teaching and Examination Regulations of the Bachelor's programme is 2019-2020 TER HBO-ICT English Stream

#### **Article 43 Transitional provisions**

When a study programme is subject to a substantial overhaul, the following transitional provisions will apply. *After the last regular activities of the 'old' programme and the related test or examination have been completed, this test or examination will be held two more times by way of resit. After that, it will be decided which test or examination that is part of the 'new' programme the student must sit to replace the 'old' one. If a student is not admissible for a unit of study that is carried out in the old way for the last time, the student must eliminate the deficiency and prepare for the new curriculum in a tailored programme. Students who will start in the first semester from September 2019 and students who will start in the second semester from February 2020 will do this in the new curriculum architecture. The '2019-2020 TER HBO-ICT Full-time – three teaching methods' applies to these students.*

#### **Article 44 Unforeseen cases**

The Examination Board decides in all cases not provided for by the study programme-specific part of the TER, unless the issue is covered by the institute director's competency.



## Appendix 1 Exit qualifications of the specialisations

### ICT & Business

The exit qualifications of ICT & Business are related to the domain description of the HBOi-2018 (<http://www.hbo-i.nl/domeinbeschrijving>). This document outlines and details five key ICT competencies. In addition it outlines and details five ICT fields of activity or professional domains for each competency at three levels of performance indicators. The third and highest level should be regarded as the desired HBO exit level. Given the broad scope of the domains outlined, the programme is unable to achieve the very highest level in each one of these fields. Instead the highest achieved level is detailed in the table below per competency and field of activity / professional domain.

	Advise	Analysis	Design	Realisation	Manage & control
User interaction	1	1	1	1	1
Organisational processes	3	3	3	3	3
Infrastructure	1	1	1	1	1
Software	2	2	2	2	2
Hardware interfacing					

In addition, students will be working on professional development. Students shall demonstrate that professional development within the units of study, according to the exit levels described in the assessment model for professional development (see Appendix 4).

### ICT & Software Engineering

The exit qualifications of ICT & Software Engineering are related to the domain description of the HBOi-2018 (<http://www.hbo-i.nl/domeinbeschrijving>). This document outlines and details five key ICT competencies. In addition it outlines and details five ICT fields of activity or professional domains for each competency at three levels of performance indicators. The third and highest level should be regarded as the desired HBO exit level. Given the broad scope of the domains outlined, the programme is unable to achieve the very highest level in each one of these fields. Instead the highest achieved level is detailed in the table below per competency and field of activity / professional domain.

	Advise	Analysis	Design	Realisation	Manage & control
User interaction			1	2	
Organisational processes	1	2	2	1	1
Infrastructure	1	1	1	1	
Software	3	3	3	3	3
Hardware interfacing					

In addition, students will be working on professional development. Students shall demonstrate that professional development within the units of study, according to the exit levels described in the assessment model for professional development (see Appendix 4).

### ICT & Technology

The exit qualifications of ICT & Technology are related to the domain description of the HBOi-2018 (<http://www.hbo-i.nl/domeinbeschrijving>). This document outlines and details five key ICT competencies. In addition it outlines and details five ICT fields of activity or professional domains for each competency at three levels of performance indicators. The third and highest level should be regarded as the desired HBO exit level. Given the broad scope of the domains outlined, the programme is unable to achieve the very highest level in each one of these fields. Instead the highest achieved level is detailed in the table below per competency and field of activity / professional domain.

	Advise	Analysis	Design	Realisation	Manage & control
User interaction					
Organisational processes					
Infrastructure			1	1	
Software	2	2	3	3	3
Hardware interfacing	3	3	3	3	3

In addition, students will be working on professional development. Students shall demonstrate that professional development within the units of study, according to the exit levels described in the assessment model for professional development (see Appendix 4).

## **B - Set-up of the study programme and support facilities**

### **1. Set-up, organisation and execution of the study programmes**

Information on the set-up, organisation and execution of the study programmes can be found in:

- *the study programme's digital prospectus*
- the Teaching and Examination Regulations (see under A).

### **2. Facilities for students**

Information on facilities for students can be found at:

- Fontys helps
- the institution-specific section of the Fontys Students' Charter
- the website of the Students Facilities Department
- the website of Fontys Study Abroad
- *the study programme's digital prospectus*

### **3. Study support**

Information on study support can be found in:

- the Teaching and Examination Regulations (see under A)
- *the study programme's digital prospectus*

## **C - Internal complaints procedure**

Complaints can be submitted via the link:

<https://portal.fhict.nl/Kwaliteit/SitePages/Klachten%20en%20ideeen.aspx>