**Computer Studies/Information and Communications Technology (ICT)**

*In order to meet the registration requirements set down in the* [*Teaching Council [Registration] Regulations*](http://www.teachingcouncil.ie/_fileupload/TC_Legislation/Registration_Regulations_2009_90665047.pdf) *in respect of the curricular subject of ICT, an applicant must meet* ***all*** *of the following criteria:*

1. (a) Applicants must hold a degree-level qualification, with Computer Studies/ICT studied up to and including third-year level or higher (or modular equivalent).

(b) The qualifying degree must be equivalent to at least Level 8 on the National Framework of Qualifications (NFQ) and with a minimum pass[[1]](#footnote-1) result in all examinations pertinent to the subject of Computer Studies / ICT.

(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Computer Studies / ICT comprising at least 60 ECTS credits (or equivalent) and with not less than 10 ECTS credits (or equivalent) studied at third-year level or higher (or modular equivalent).

1. The study of Computer Studies/ICT during the degree must show that the holder has acquired sufficient knowledge, skills and understanding to teach Computer Studies/ICT to the highest level in post-primary education[[2]](#footnote-2). To meet this requirement the degree must include the study of (a), (b) and (c):
2. The study of Programming/Software Engineering
3. Further ICT-related studies to include at least three from the following subject areas:
4. Systems Analysis and Design
5. Computer Networking
6. Database Technologies
7. Information Systems
8. Graphics/Multimedia
9. Computer Architecture/Microprocessors
10. Software Systems/Operating Systems
11. Web Applications Development
12. Distributed Systems
13. Human Computer Interface Design
14. Business Computing
15. Computer Security and Cryptography
16. Intelligent Systems/Artificial Intelligence
17. Robotics/Mechatronics
18. Practical assignment work must be completed throughout the degree course (e.g. programming assignments).

1. Applicants must also have completed a programme of post-primary initial teacher education (age range 12-18 years) carrying a minimum of 120 ECTS credits (or equivalent)[[3]](#footnote-3).

1. which includes pass by compensation. [↑](#footnote-ref-1)
2. See for example the Computer Studies curriculum for Senior Cycle students, DES circular M03/80. [↑](#footnote-ref-2)
3. Applicants who have commenced a programme of initial teacher education prior to 01/09/2014 carrying less than 120 ECTS credits may be exempted from this requirement at the Council’s discretion. [↑](#footnote-ref-3)