

Teaching Council
Registration

Curricular Subject Requirements (Post-Primary)

*For persons applying for registration
on or after 1 January 2023*

Glossary

Concurrent Qualification

A qualification which combines the study of one or more subject disciplines with teacher education professional studies, foundation studies and school placement.

Curricular Subject

A subject with a prescribed syllabus approved by the Department of Education and Skills and examined by the State Examinations Commission.

ECTS (European Credit Transfer System) credits

ECTS credits is a student centred system based on the student workload required to achieve the objectives of a programme of study. It is based on the principle that 60 ECTS credits measure the workload of a full-time student during one academic year.

Leaving Certificate

The final examination at post-primary level education in Ireland which is administered by the State Examinations Commission.

Programme of Initial Teacher Education

A qualification which combines teacher education professional studies, foundation studies and school placement. For the purposes of this document it refers to a qualification directed towards post-primary teachers.

Post-primary

Refers to second-level teaching in Ireland which typically caters for 12-18 year olds. Also known as secondary teaching.

Registration Regulations

Regulations published by the Teaching Council in accordance with Section 31 of the Teaching Council Act, 2001, which set out the requirements for becoming a registered teacher in Ireland. These regulations may, from time to time, be amended or updated by the Teaching Council.

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Foreword

The *Teaching Council [Registration] Regulations 2016* set out the requirements for teacher registration in Ireland, as provided for in Section 31 of the *Teaching Council Act 2001*.

This document relates to the requirements for post-primary teaching, as currently set out in Regulation Four of the Regulations, and sets out the two main routes to registration. These are:

1. The completion of an undergraduate degree, which enables the holder to teach at least one **approved curricular subject** AND the completion of a postgraduate programme of initial teacher education (such as the Professional Masters in Education (PME)) geared towards the post-primary age range (typically 12-18 years)
OR
2. the completion of a concurrent degree qualification in post-primary initial teacher education, which combines the study of one or more **approved curricular subjects** with teacher education studies encompassing professional studies, foundation studies and school placement, all geared towards the post-primary age range (typically 12-18 years).

This document sets out the requirements for each of the **approved curricular subjects** referred to at 1 and 2 above. These requirements, which have been ratified by the Teaching Council and notified to the Minister for Education & Skills in accordance with the *Teaching Council Act 2001*, may be met through undergraduate studies prior to completing a postgraduate teacher education qualification, i.e., the PME as outlined at 1 above, or may be met through studies incorporated into a concurrent programme of initial teacher education - as described at 2 above.

The post-primary subject criteria set out in this document will be effective for registration purposes with the Teaching Council from **1 January 2023** for both routes to registration as outlined in 1 and 2 above. They will also apply to applicants for registration from outside Ireland applying for registration after this date.

The subjects of CSPE and Computer Studies/ ICT which were included in the 2017 iteration of this document have since been phased out.

New curricular subjects, Politics & Society and Computer Science were included in this document in 2020. New curricular subjects Lithuanian, Mandarin Chinese, Polish and Portuguese are included in this document and will be effective for registration purposes from 1 January 2023.

Standard requirements below apply to all curricular subjects:

- Minimum pass result includes pass by compensation.
- Teaching of the curriculum to the highest level in post-primary education as approved by the Minister for Education & Skills, and published by the National Council for Curriculum and Assessment (NCCA).
- 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).
- 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.
- In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations an applicant must meet **all** of the criteria for the particular curricular subject.

Accounting

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Accounting an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Accounting 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 result in all examinations pertinent to the subject of Accounting.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Accounting comprising at least 60 ECTS credits (or equivalent).
2. The study of Accounting during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Accounting syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the qualification must include the study of all the following Essential Areas:

- a) Financial Accounting
- b) Management Accounting

The remaining ECTS credits may be drawn from the following areas or their equivalents:

- c) Company/ Business Law
- d) The Conceptual and Regulatory Framework of Accounting
- e) Information and Communication Technology in Accounting
- f) Other accounting areas of study, for example, forensic accounting

Agricultural Science

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Agricultural Science, an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Agricultural Science 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 result in all examinations pertinent to the subject of Agricultural Science.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Agricultural Science comprising at least 60 ECTS credits (or equivalent).
2. The study of Agricultural Science during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Agricultural Science syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

Essential areas of Study:

- a) Crop Production Science
- b) Animal Production Science

The remaining ECTS credits may be drawn from the following areas, or their equivalences:

- c) Supporting Sciences in the disciplines of Plant and Animal biology
 - d) Soil Sciences/geological sciences
 - e) Environmental sciences
 - f) Genetics
 - g) Biochemistry/Cell Biology/Molecular Biology
 - h) Microbiology
 - i) Ecology
 - j) Other relevant areas of study such as sustainability, biodiversity, organic agriculture, climatology, and climate change)
3. Laboratory/practical work must be completed in the course of the degree.

Ancient Greek

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of ANCIENT GREEK, an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Ancient Greek 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 passresult in all examinations pertinent to the subject **of Ancient Greek**.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Ancient Greek 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).
2. The study of Ancient Greek during the degree must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Ancient Greek syllabus to the highest level in post-primary education (see www.curriculumonline.ie). To meet this requirement the degree must include the study of all of the following:
 - a) The Ancient Greek Language including the Study of Grammar and Syntax
 - b) History of Ancient Greece
 - c) Art & Literature of Ancient Greece

Applied Mathematics

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Applied Mathematics an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Applied Mathematics 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 result in all examinations pertinent to the subject of Applied Mathematics.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Applied Mathematics comprising at least 60 ECTS credits (or equivalent).
2. The study of Applied Mathematics during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Applied Mathematics syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

The study must include all of the following Essential Areas of study

- a) Mechanics
- b) Discrete Mathematics
- c) Differential and Graph Theory
- d) Geometry
- e) Analysis
- f) Algebra

The remaining ECTS may be from the following Optional Areas of study

- g) Dynamical Systems and Chaos
- h) Numerical Analysis or Computational Mathematics or Computational Modelling
- i) History or Philosophy of Applied Mathematics, Mechanics, Mathematics or Science
- j) Mathematical Modelling
- k) Mathematical Biology
- l) Financial Mathematics
- m) Population Dynamics
- n) Environmental Modelling
- o) Probability and Statistics
- p) Operations research

Art (Including Crafts)

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Art (including crafts) an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Art (Including Crafts) 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 result in all examinations pertinent to the subject of Art (Including Crafts).
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Art (Including Crafts) comprising at least 60 ECTS credits (or equivalent).
2. The study of Art (Including Crafts) during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Art (Including Crafts) syllabus/specification to the highest level in post-primary education (see www.curriculumonline.ie).
3. To meet this requirement the degree must include the study of all of the following:
 - a) Drawing, 2D and 3D Visual Studies in Art/Craft/Design
 - b) Media
 - c) Art/Design History and Critical Studies/Visual Cultural Studies

Biology

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of BIOLOGY an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Biology 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 result in all examinations pertinent to the subject of Biology.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Biology comprising at least 60 ECTS credits (or equivalent).
2. The study of Biology during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Biology syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of at least four of the following areas:

Essential areas of study

- (a) Botany
 - (b) Plant Anatomy/Physiology
 - (c) Ecology
 - (d) Microbiology
 - (e) Zoology
 - (f) Mammalian Anatomy/ Physiology
 - (g) Biochemistry
 - (h) Genetics
3. Laboratory/practical work must be completed in the course of the degree.

Business

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of BUSINESS an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Business 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 result in all examinations pertinent to the subject of Business.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Business comprising at least 60 ECTS credits (or equivalent).
2. The study of Business during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Business syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of at least five of the following:

- a) Organisational Behaviour
- b) Business Innovation/Enterprise and Entrepreneurship
- c) Management
- d) Business Environment
- e) Human Resource Management
- f) Marketing
- g) Business Law
- h) Accounting/Finance or Economics

Chemistry

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Chemistry an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Chemistry 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 result in all examinations pertinent to the subject of Chemistry.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Chemistry comprising at least 60 ECTS credits (or equivalent).
2. The study of Chemistry during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Chemistry syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of modules in all of the following areas:

Essential Areas

- a) Organic Chemistry
- b) Inorganic Chemistry
- c) Physical Chemistry

The remaining ECTS credits may be drawn from the following areas:

- d) Analytical Chemistry
- e) Environmental Chemistry
- f) Pharmaceutical/Biopharmaceutical Chemistry
- g) Industrial Chemistry

3. Laboratory/practical work must be completed in the course of the degree.

Classical Studies

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of CLASSICAL STUDIES, an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Ancient Greek **and/or** Latin **and/or** Ancient Greek and Roman Civilisation or Classical Civilisation studied up to and including to 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 result in all examinations pertinent to the subject of Classical Studies.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Classical Studies 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).
2. The study of Classical Studies during the degree must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Classical Studies syllabus to the highest level in post-primary education (see www.curriculumonline.ie). To meet this requirement the degree must include the study of all of the following:
 - (a) Ancient Greek and/or Latin Literature with particular emphasis on Classical Literature
 - (b) Greek and Roman History of the Classical Period
 - (c) The principal areas of Greek and Roman Civilisation, i.e., historical, literary, aesthetic, dramatic and social

Computer Science

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Computer Science an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Computer Science 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 result in all examinations pertinent to the subject of Computer Science.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Computer Science comprising at least 60 ECTS credits (or equivalent).
2. The study of Computer Science during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Computer Science syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of modules in all of the following areas:

Essential areas¹:

- 1) Software Engineering and Project Management (may include software design and development systems analysis, design process, testing)
- 2) Programming (including algorithms and data structures)
- 3) Computer Systems (including hardware or architecture)

Optional areas: The study must also include a minimum of 2 of the following areas:

- 4) Web development
- 5) Animation/ games/ multimedia development
- 6) App development
- 7) Robotics
- 8) Embedded systems
- 9) Modelling/ simulation
- 10) Data analysis
- 11) Databases
- 12) Machine learning/AI

- (a) Practical assignment work must be completed throughout the degree course (e.g. programming assignments).

¹ There is an expectation that societal impact of computing technologies underpin all areas.

Construction Studies

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Construction Studies an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Construction Studies 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 result in all examinations pertinent to the subject of Construction Studies.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of *Construction Studies* comprising at least 60 ECTS credits (or equivalent).
2. The study of Construction Studies during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Construction Studies syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of all of the following:

- a) Health & Safety²
- b) The Built Environment³
- c) Construction Technology⁴
- d) Building Services and Environmental Technologies⁵
- e) Materials Technology and Processing (Wood and other Materials)⁶
- f) Design and Realisation⁷

2 this must include the development of knowledge and skills in relation to identification of hazards, assessment of risk and the safe management of a classroom/work environment

3 this must address the relationship between architectural elements and the environment from both historical and contemporary perspectives. This must also include the study of energy and natural resources appropriate to sustainable residential development

4 this must have a significant focus on the study of construction methods and practices applicable to residential units

5 this must include consideration of energy generation and control systems applicable to residential units

6 this must include the development of skills and best practice in the safe processing of wood and a variety of materials. Particular focus should be placed on material properties, performance, and processing requirements. The study of Computer-Aided Manufacture should be included

7 This must include the development of knowledge and skills in the area of design and realisation of products/artefacts and/or systems that require the exploration and application of knowledge of key principles appropriate to the context

Curricular Languages (Arabic, French, German, Italian, Japanese, Lithuanian, Mandarin Chinese, Polish, Portuguese, Russian, Spanish)

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of the specific Curricular Languages an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with *the specific curricular languages* 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 result in all examinations pertinent to the subject of the specific curricular language.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of *the specific curricular language* comprising at least 60 ECTS credits (or equivalent).
2. The study of the specific curricular language during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the specific curricular language syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).
3. **Evidence of linguistic competence**
 - a) All applicants must provide evidence of linguistic competence in the language. This can be demonstrated by providing evidence of achieving a minimum level of B2.2 on the Common European Framework of Reference for Languages (or equivalent) from the higher education institution where the qualification was completed.
 - b) Alternatively, applicants can provide certification of achieving level B2.2 standard of an independent language competency test.
4. **The degree must also include the study of the following:**
 - o language skills ⁸
 - o the study of texts⁹
5. Prior to completion of their teacher education studies, applicants should provide verifiable evidence of an immersive educational experience in the curricular language of a minimum of four weeks duration. This may be accessed in two blocks, each of which must be at least two weeks. At least one of these blocks must be in a setting where the language is the vernacular language of the region/country. The immersive educational experience(s) must be one of the following:
 - o attending a language course
 - o working as a staff member in an educational setting
 - o conducting an action research project which is of relevance to their teaching studies
 - o engaging in School Placement.

8 (reading, spoken production, spoken interaction, listening and writing)

9 (texts refer to all products of language use including aural, oral, written and digital texts)

Design and Communication Graphics (DCG)

In order to meet the registration requirements set down in the Teaching Council (Registration) Regulations in respect of the curricular subject of Design and Communication Graphics (DCG) an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Design and Communication Graphics (DCG) 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 result in all examinations pertinent to the subject of Design and Communication Graphics (DCG).
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Design and Communication Graphics (DCG) comprising at least 60 ECTS credits (or equivalent).
2. The study of Design and Communication Graphics (DCG) during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Design and Communication Graphics (DCG) syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of all of the following:

- a) The Application of Plane and Descriptive Geometry¹⁰
- b) Applied Graphics¹¹
- c) Design Communication¹²
- d) Computer-Aided Design⁴

¹⁰ This may include the use of projective systems.

¹¹ This may include Dynamic Mechanisms, Structural Forms, Geological Geometry, or Surface Geometry.

¹² This may include Graphic Illustration and Information and Communications Technology. ⁴ This may include Assembly Drawing.

Economics

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Economics an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Economics 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 result in all examinations pertinent to the subject of Economics.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Economics comprising at least 60 ECTS credits (or equivalent).
2. The study of Economics during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the *Economics* syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of the following

- a) Macroeconomics
- b) Microeconomics

The remaining ECTS credits may be drawn from the following areas or their equivalents:

- c) Quantitative Methods

Engineering

In order to meet the registration requirements set down in the Teaching Council (Registration) Regulations in respect of the curricular subject of Engineering an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Engineering 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 result in all examinations pertinent to the subject of Engineering.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Engineering comprising at least 60 ECTS credits (or equivalent).
2. The study of Engineering during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Engineering syllabus/specification to the highest level in post-primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of all of the following:

- a) Health & Safety¹³
- b) Product Design and Realisation¹⁴
- c) Materials Technology and Processing¹⁵
- d) Power, Energy and Control¹⁶
- e) Information and Communications Technology (as applicable to Engineering)
- f) Structural & Mechanical Systems.

13 this must include the development of knowledge and skills in relation to identification of hazards, assessment of risk and the safe management of a classroom/workenvironment

14 This must include engagement with the design and realisation of artefacts to include the integration of mixed technologies, and the use of associated graphic communication techniques and Computer Aided Design.

15 This must include the development of skills and best practice in the safe processing of a variety of materials. Particular focus should be placed on material properties, performance, and processing requirements. The study of Computer-Aided Manufacture should be included.

16 This must include engagement with control systems which incorporates electronic, pneumatic and computer control

English

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of English an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with English studied up to and including thirdyear 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 result in all examinations pertinent to the subject of English.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of English comprising at least 60 ECTS credits (or equivalent).
2. The study of English during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the English syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).
3. All applicants must provide evidence of linguistic competence in the language. This can be demonstrated by:
 - a) **Applicants for whom the language is their first language.**
Or
 - b) by achieving a minimum level of B2.2 on the Common European Framework of Reference for Languages (or equivalent) from the higher education institution where the qualification was completed.
Or
 - c) Alternatively, applicants can provide certification of achieving level B2.2 standard of an independent language competency test
4. The study of English language and literature during the degree must show that the holder has acquired sufficient knowledge, skills and understanding to teach the English syllabus to the highest level in post- primary education.

To meet this requirement the degree must include the study all of the following areas through the medium of English:

- a) Drama
- b) Poetry
- c) Fiction

And may include the following areas:

- a) Composition and Writing Skills
- b) Film
- c) Theatre
- d) Media Studies

Gaeilge

In order to meet the registration requirements set down in the Teaching Council (Registration) Regulations in respect of the curricular subject of Gaeilge an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Gaeilge 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 result in all examinations pertinent to the subject of Gaeilge.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Gaeilge comprising at least 60 ECTS credits (or equivalent).
2. The study of Gaeilge/Irish during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Gaeilge syllabus/specification to the highest level in post-primary education (see www.curriculumonline.ie).

The degree must also include the study of the following:

- a) Language skills¹⁷
- b) The study of texts¹⁸

3. Prior to completion of their teacher education studies, applicants should provide verifiable evidence of an immersive educational experience in Gaeilge of a minimum of four weeks duration.

This may be accessed in two blocks, each of which must be at least two weeks. At least one of these blocks must be in a Gaeltacht setting with the option of one block in an Irish medium setting.

The immersive educational experience(s) must be one of the following:

- o attending an Irish language course
- o working as a staff member in an educational setting in the the Gaeltacht
- o conducting an action research project which is of relevance to their teaching studies
- o engaging in School Placement.

4. Evidence of linguistic competence

- o All applicants must provide evidence of linguistic competence in the language. This can be demonstrated by providing evidence of achieving a minimum level of B2.2 on the Common European Framework of Reference for Languages (or equivalent) from the higher education institution where the qualification was completed.
- o Alternatively, applicants can provide certification of achieving level B2.2 standard of an independent language competency test.
- o Applicants for whom the language is their first language.

¹⁷ reading, spoken production, spoken interaction, listening and writing

¹⁸ texts refer to all products of language use including aural, oral, written and digital texts

Geography

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Geography an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Geography 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 result in all examinations pertinent to the subject of Geography.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Geography comprising at least 60 ECTS credits (or equivalent).
2. The study of Geography during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the *Geography* syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of the following:

- a) Physical Geography
- b) Human Geography

Hebrew Studies

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Hebrew Studies an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Hebrew Studies 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 result in all examinations pertinent to the subject of Hebrew Studies.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Hebrew Studies comprising at least 60 ECTS credits (or equivalent)
2. The study of Hebrew Studies during the degree must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Hebrew Studies syllabus to the highest level in post-primary education (see www.curriculumonline.ie). To meet this requirement the degree must include the study of:
 - a) Classical Hebrew Language
 - b) History of the Hebrew People
 - c) Hebrew Bible
 - d) The Mishnah

History

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of History an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with History 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 result in all examinations pertinent to the subject of History.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of History comprising at least 60 ECTS credits (or equivalent).
2. The study of History during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the History syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).
3. To meet this requirement the degree must include the specific study of Irish History.

Home Economics

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Home Economics an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Home Economics 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 result in all examinations pertinent to the subject of Home Economics.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Home Economics comprising at least 60 ECTS credits (or equivalent).
2. The study of Home Economics during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Home Economics syllabus/specification to the highest level in post-primary education (see www.curriculumonline.ie).
3. In order to meet this requirement the study of all of the following inter-related components of Home Economics and their application to the individual, family and society must be studied as an integral part of the degree course:
 - a) Food Studies (including the integration of theory and practice)
 - b) Textiles, Fashion Design and Home Design (including garment construction and practical craft work)
 - c) Family Resource Management and Social Studies (including Home Economics Studies and consumer studies)
4. The degree must include course and practical work content in the above areas.

Latin

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of LATIN, an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Latin 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 result in all examinations pertinent to the subject of Latin.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Latin 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).
2. The study of Latin during the degree must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Latin syllabus to the highest level in postprimary education (see www.curriculumonline.ie). To meet this requirement the degree must include the study of all of the following:
 - a) The Latin Language including the Study of Grammar and Syntax
 - b) Roman History of the Classical Period, i.e., Republic and Early Empire
 - c) Roman Art & Literature

Mathematics

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Mathematics an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Mathematics 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 result in all examinations pertinent to the subject of Mathematics.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Mathematics comprising at least 60 ECTS credits (or equivalent).
2. The study of Mathematics during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Mathematics syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of all of the following

Essential areas of study

- a) Analysis (must include a module or modules in multi variable calculus)
- b) Algebra (must include a module or modules in linear Algebra)
- c) Geometry (must include a module or modules in Euclidean and Non-Euclidean Geometry)
- d) Probability
- e) Statistics (must include a module or modules in Statistical Inference)

The remaining credits (or equivalent) may be in any of the above essential areas, or be drawn from the following optional areas:

Optional areas of study

- f) Dynamical Systems and Chaos
- g) Calculus of Variations
- h) Numerical Analysis or Computational Mathematics
- i) Mathematical Modelling
- j) Discrete Mathematics
- k) History or Philosophy of Mathematics
- l) Mathematical Logic
- m) Set Theory and Cardinality

Music

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Music an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Music 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 result in all examinations pertinent to the subject of Music
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Music comprising at least 60 ECTS credits (or equivalent).
2. The study of Music during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Music syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of all of the following:

- a) Music Performance
- b) Harmony and Counterpoint
- c) Composition
- d) Aural, Basic keyboard and Music Technology Skills
- e) Western Art Music
- f) Irish Traditional Music

Physical Education

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Physical Education an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Physical Education 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 result in all examinations pertinent to the subject of Physical Education.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Physical Education comprising at least 60 ECTS credits (or equivalent).
2. The study of Physical Education during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Physical Education syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of all of the following areas:

(a)

- o Adventure activities
- o Aesthetic and expressive activities
- o Athletic activities
- o Competitive activities
- o Fitness and health activities
- o Technological knowledge of sport and physical activity
- o Curriculum models for sport and physical activity
- o Water based activities

To meet this requirement the degree must also include the study of one area from (b) and one area from(c):

(b)

- i. Motor Learning and Development
- ii. Nutrition and physiology for healthy living and performance
- iii. Sport and Exercise Psychology
- iv. Physical Activity and Inclusion

(c)

- i. Policy and Provision in physical activity and Sport
- ii. Sociological Perspectives of Physical Activity and Sport
- iii. Well-being and Health Promotion
- iv. Theory and application of physical activity programming for health, fitness and performance

Physics

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Physics an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Physics 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 result in all examinations pertinent to the subject of Physics.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Physics comprising at least 60 ECTS credits (or equivalent).
2. The study of Physics during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Physics syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of at least **five of the following areas:**

1. Mechanics
2. Quantum Mechanics
3. Properties of Matter
4. Oscillations, Waves, Acoustics
5. Thermodynamics
6. Light and optics
7. Current Electricity
8. Electromagnetism
9. Electronics
10. Condensed Matter/ Solid State Physics
11. Relativity
12. Particle Physics
13. Topic in Advanced or Applied Physics
14. Astronomy
15. Laboratory/practical work must be completed in the course of the degree.

Physics and Chemistry

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Physics and Chemistry an applicant must meet all of the following criteria:

Applicants should note that meeting the registration requirements for the curricular subject of Physics and Chemistry (combined syllabus) does not automatically imply that registration requirements for the individual subjects of Physics or Chemistry have been met.

1.
 - (a) Applicants must hold a degree-level qualification, with Physics and Chemistry 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 result in all examinations pertinent to the subject of Physics and Chemistry.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Physics and Chemistry comprising at least 60 ECTS credits (or equivalent).
2. The study of Physics and Chemistry during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Physics and Chemistry syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of at least four of the following Physics areas (a) to (g) and at least two of the Chemistry areas (h), (i), and (j):

- a) Mechanics
- b) Quantum Mechanics
- c) Oscillations, Waves, Acoustics
- d) Thermodynamics
- e) Light and optics
- f) Electromagnetism
- g) Particle Physics

The degree must also include the study of at least two of the following Chemistry areas:

- h) Organic Chemistry
- i) Inorganic Chemistry
- j) Physical Chemistry

3. Laboratory/practical work must be completed in the course of the degree.

Politics & Society

In order to meet the registration requirements set down in the Teaching Council (Registration) Regulations in respect of the curricular subject of Politics and Society, an applicant must meet all of the following criteria:

- (a) Applicants must hold a degree-level qualification, with Politics/Political Science or Sociology, **or** a combination of **at least three** of the following areas: Politics/Political Science, Sociology, Anthropology, Law, European Studies, Public Administration, Government, Development, Media Studies, Economics, History, Geography, International Relations or Philosophy comprising a minimum total of 60 ECTS credits or equivalent.
- (b) The qualifying degree must be equivalent to **at least Level 8** on the National Framework of Qualifications (NFQ) and must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent).
- (c) Applicants must also have completed a post-primary initial teacher education (age range 12-18 years) carrying a minimum of 120 ECTS credits (or equivalent).

Religious Education

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Religious Education an applicant must meet all of the following criteria:

1.
 - (a) Applicants must hold a degree-level qualification, with Religious Education 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 result in all examinations pertinent to the subject of Religious Education.
 - (c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Religious Education comprising at least 60 ECTS credits (or equivalent).
2. The study of Religious Education during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Religious Education syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of 5 of the following:

- a) Sacred Texts including the Bible
- b) Christianity – Origins and Contemporary Experience
- c) World Religions
- d) Secular Belief Systems
- e) Ethics
- f) Systematic Theology
- g) Philosophy of Religion

Technology

In order to meet the registration requirements set down in the Teaching Council [Registration] Regulations in respect of the curricular subject of Technology an applicant must meet all of the following criteria:

1. (a) Applicants must hold a degree-level qualification, with Technology 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 result in all examinations pertinent to the subject of Technology.
(c) The qualifying degree must carry at least 180 ECTS (European Credit Transfer System) credits (or equivalent) with the specific study of Technology comprising at least 60 ECTS credits (or equivalent).
2. The study of Technology during the qualification must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Technology syllabus/specification to the highest level in post- primary education (see www.curriculumonline.ie).

To meet this requirement the degree must include the study of all of the following:

- a) Health & Safety¹⁹
- b) Product Design and Manufacture²⁰
- c) Materials Technology and Processing²¹
- d) Applied Electronic and Control Systems²²
- e) Information and Communications Technology
- f) Manufacturing Systems²³
- g) Structural & Mechanical Systems

19 this must include the development of knowledge and skills in relation to identification of hazards, assessment of risk and the safe management of a classroom/work environment

20 This must include engagement with the design of artefacts to include the integration of mixed technologies, the development of knowledge and skills, and the use of associated graphic communication techniques and Computer- Aided Design.

21 This must include the development of skills and best practice in the safe processing of a variety of materials. Particular focus should be placed on material properties, performance, and processing requirements. The study of Computer-Aided Manufacture should be included.

22 This must include engagement with applied electronic and control systems suitable for use in the second level educational system.

23 This must include project and quality management.

An Chomhairle Mhúinteoireachta
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