

Professional Master of Education

Subject Declaration Form

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

Computer Science

This Subject Declaration Form allows you to match your degree (and other qualifications if applicable) against the Teaching Council's curricular teaching subject requirements. You must meet the requirements for at least one curricular subject in order to be considered for registration as a teacher, having completed your Professional Master of Education (PME).

A declaration form should be completed online, printed and signed by persons applying for entry to the PME.

You should complete a subject declaration form for each subject for which you are seeking Teaching Council registration.

The requirements for the curricular subject **Computer Science** are set out on page 2.

[→ Details of all other curricular subjects](#)

Important

This declaration form should be returned to the PME provider(s) to which you have applied. Do not return to the Teaching Council.

Applicants should note that declarations made on this form will be considered by the PME provider(s) when determining offers of places on the PME. **Any material errors or misleading declarations made on this form may result in the withdrawal by the PME provider of (an offer of) a place or other such action as the PME provider determines appropriate.**

If you are offered a place on the PME, and have granted permission, this declaration will be forwarded to the Teaching Council. The Council will advise if you meet the registration requirements.

Based on this declaration form and your transcripts of undergraduate results, the Teaching Council will confirm if you will be eligible to register as a teacher after successful completion of the PME.

The Teaching Council will also confirm the curricular subject(s) that will be recorded on the Register of Teachers.

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).

- (a) 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

- (b) 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.

Computer Science

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|-----------------------|--|----------------|--|
| Name: | | | |
| Address: | | | |
| Date of Birth: | | PPS Number: | |
| Email: | | | |
| Phone No: | | Mobile No: | |
| Degree Title: | | | |
| Degree Awarding Body: | | Year of Award: | |

Other Relevant Qualification(s) in Computer Science (if applicable):

| Title of qualification | Awarding Body | Year of Award |
|------------------------|---------------|---------------|
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Computer Science

If you are in the final year of your degree or completing further studies to enable you to meet the Teaching Council's registration requirements for a curricular subject, you can record details of these ongoing studies, including module title(s) and ECTS credit weighting(s) in the grid below, provided all relevant studies are successfully completed prior to taking up a place on the PME.

Please answer questions 1-7 below and insert module code(s), module title(s) and ECTS credit values as required.

- | | | | |
|----------|---|---------------------------|--------------------------|
| 1 | Is your degree equivalent to a least a Level 8 on the Irish National Framework of Qualifications (NFQ), with Computer Science studied up to and including third-year level or higher (or modular equivalent)? | <input type="radio"/> Yes | <input type="radio"/> No |
| 2 | Does your degree carry a minimum of 180 ECTS credits (or equivalent)? | <input type="radio"/> Yes | <input type="radio"/> No |
| 3 | Do your studies in Computer Science carry a minimum of 60 ECTS credits (or equivalent)? | <input type="radio"/> Yes | <input type="radio"/> No |
| 4 | Do your studies in Computer Science include the study of the following essential areas: | | |
| | 1) Software Engineering and Project Management (may include software design and development systems analysis, design process, testing) | <input type="radio"/> Yes | <input type="radio"/> No |
| | 2) Programming (including algorithms and data structures) | <input type="radio"/> Yes | <input type="radio"/> No |
| | 3) Computer Systems (including hardware or architecture) | <input type="radio"/> Yes | <input type="radio"/> No |
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Computer Science

5 Do your studies in Computer Science include a minimum of 2 of the following optional areas:

- | | | |
|---|---------------------------|--------------------------|
| 4) Web development | <input type="radio"/> Yes | <input type="radio"/> No |
| 5) Animation/games/multimedia development | <input type="radio"/> Yes | <input type="radio"/> No |
| 6) App development | <input type="radio"/> Yes | <input type="radio"/> No |
| 7) Robotics | <input type="radio"/> Yes | <input type="radio"/> No |
| 8) Embedded systems | <input type="radio"/> Yes | <input type="radio"/> No |
| 9) Modelling/simulation | <input type="radio"/> Yes | <input type="radio"/> No |
| 10) Data analysis | <input type="radio"/> Yes | <input type="radio"/> No |
| 11) Databases | <input type="radio"/> Yes | <input type="radio"/> No |
| 12) Machine learning/AI | <input type="radio"/> Yes | <input type="radio"/> No |

6 Was practical assignment work completed throughout the degree course (e.g. programming assignments)? Yes No

Computer Science

Area of Study:

List modules that involved practical assignment work, e.g. programming assignments

| Module Code | Module Title | ECTS Credit Value |
|-------------|--------------|-------------------|
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Area of Study:

Other

| Module Code | Module Title | ECTS Credit Value |
|-------------|--------------|-------------------|
| | | |
| | | |
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Total ECTS Credits in Computer Science

Computer Science

I declare that I have completed the studies in **Computer Science** as set out above and that the details that I have entered in the tables above are true and accurate to the best of my knowledge.

I hereby authorise the authorities in the PME provider(s) to whom I am applying to provide the Teaching Council with the details necessary to commence my registration with the Teaching Council, i.e., my name, contact address, date of birth, gender, PPS number, email address, telephone contact details and a copy of this Subject Declaration Form. The PME provider(s) to whom I am applying are:

| | |
|---|--|
| 1 | |
| 2 | |
| 3 | |
| 4 | |

Name:

Date:

Signature:

Important

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