

Covid-19 Amendment Regulation (CAR) Subject Declaration Form

Computer Science

This Subject Declaration Form allows you to match your degree (and other qualifications if applicable) against the Teaching Council's curricular subject requirements. You must meet the requirements for at least one curricular subject in order to be eligible for registration as a Post-primary teacher, having also completed a programme of Post primary initial teacher education that meets the Council's requirements.

This declaration form should be completed, printed and signed by persons applying for registration as a Post-primary teacher under CAR and forwarded with the CAR-01 (COVID-19 Amendment Regulation) Application Form.

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.

For details of all other curricular subjects [click here](#).

Any material errors or misleading declarations made on this form may result in refusal of registration.

Based on this declaration form, your transcripts relating to the curricular subject sought and the transcripts of your initial teacher education qualification, the Teaching Council will confirm if, you will be eligible to register as a Post-primary teacher and which curricular subject(s) will be recorded on the Register of Teachers.

The information you provide on this form is a guide only and will be used to inform the Council's assessment process. The final decision on the suitability of content and credits allocated will be made by the Teaching Council. You will be registered for the curricular subject(s) for which you meet the requirements in full. If you do not meet the requirements in full for any subject you may be registered for the subject for which you are closest to meeting requirements (subject to conditions) as determined by the Council.

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 pass¹ 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) and with not less than 10 ECTS credits (or equivalent) studied at third-year level or higher (or modular equivalent).

2

The study of Computer Science during the degree must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Computer Science syllabus² to the highest level in post- primary education (see www.curriculumonline.ie). To meet this requirement the degree must include the study of all the following areas:

Essential Areas

- 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 architectures)

Optional areas: The study must 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).

3

Applicants must also have completed a programme of post-primary initial teacher education (age range 12-18 years).

1 which includes pass by compensation.

2 as approved by the Minister for Education and Skills, and published by the National Council for Curriculum and Assessment (NCCA).

Name:

Address:

Date of Birth:

DD/MM/YYYY

PPS Number:

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Phone No:

Mobile No:

Email:

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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| Please answer questions 1-5 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)? | Yes No |
| 2 | Does your degree carry a minimum of 180 ECTS credits (or equivalent)? | Yes No |
| 3 | Do your studies in Computer Science carry a minimum of 60 ECTS credits (or equivalent)? | Yes No |
| 4 | Do your studies in Computer Science include the study of not less than 10 ECTS credits (or equivalent) at third-year level or higher (modular equivalent)? | Yes No |
| 5 | <p>Do your studies in Computer Science include the study of all the following areas:</p> <p>Essential Areas</p> <p>1) Software engineering and Project management (may include software design and development systems analysis, design process, testing)</p> <p>2) Programming (including algorithms and data structures)</p> <p>3) Computer Systems (including hardware or architectures)</p> <p>Optional areas: The study must also include a minimum of 2 of the following areas:</p> <p>4) Web development</p> <p>5) Animation/ games/ multimedia development</p> <p>6) App development</p> <p>7) Robotics</p> <p>8) Embedded systems</p> <p>9) Modelling/ simulation</p> <p>10) Data analysis</p> <p>11) Databases</p> <p>12) Machine learning/AI</p> <p>Was practical assignment work completed throughout the degree course (e.g. programming assignments)?</p> | <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> <p>Yes No</p> |

Essential Areas of Study

| Area of Study: Software Engineering and Project Management (may include software design and development systems analysis, design process, testing) | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Programming (including algorithms and data structures) | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Computer Systems (including hardware or architecture) | | |
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| Module Code | Module Title | ECTS Credit Value |
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Optional Areas of Study

The study must include a minimum of 2 of the following areas

| Area of Study: Web development | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Animation/games/multimedia development | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: App development | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Robotics | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Embedded Systems | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Modelling simulation | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Data analysis | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Databases | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Machine learning /AI | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Essential Area of Study: List modules that involved practical assignment work, e.g. programming assignments | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Other | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Total ECTS Credits in Computer Science | |
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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.

Name:

Date: DD/MM/YYYY

Signature:

IMPORTANT

This declaration form should be returned to the Teaching Council with the CAR Amendment Regulation Application Form (CAR-01).