

Covid-19 Amendment Regulation (CAR) Subject Declaration Form

Physics & Chemistry

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 **Physics & Chemistry** 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 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 in the degree with the study of at least one of the subjects up to and including third-year level or higher.
- (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 subjects 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) with at least 15 ECTS credits (or equivalent) in Physics and 15 ECTS credits (or equivalent) in Chemistry and with not less than 10 ECTS credits (or equivalent) studied at third-year level or higher (or modular equivalent).

2

The study of Physics and Chemistry during the degree must show that the holder has acquired sufficient knowledge, skills and understanding to teach the Physics and Chemistry syllabus² 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) Classical Mechanics
- (b) Quantum Mechanics
- (c) Oscillations, Waves, Acoustics
- (d) Thermodynamics
- (e) Light
- (f) Electromagnetism, Electromagnetic Waves
- (g) Atomic, Nuclear and Particle Physics.

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

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

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).

3

Experimental/practical work must be completed throughout the degree course.

4

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

Science (Junior Cycle)

An applicant who meets the registration criteria for **Physics and Chemistry** will also meet the requirements for the Junior Cycle curricular subject **Science** if he/she studied a minimum of 10 ECTS credits (or equivalent) in Biology.

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 Physics & Chemistry (if applicable):

Title of qualification	Awarding Body	Year of Award

Please answer questions 1-6 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 Physics & Chemistry carry a minimum of 60 ECTS credits (or equivalent)?	Yes No
4	Do your studies include at least 15 ECTS credits (or equivalent) in Physics and 15 ECTS credits (or equivalent) in Chemistry?	Yes No
5	Do your studies in Physics & Chemistry include the study of not less than 10 ECTS credits (or equivalent) at third-year level or higher (modular equivalent)?	Yes No
6	<p>Do your studies in Physics & Chemistry 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):</p> <p>(a) Classical Mechanics</p> <p>(b) Quantum Mechanics</p> <p>(c) Oscillations, Waves, Acoustics</p> <p>(d) Thermodynamics</p> <p>(e) Light</p> <p>(f) Electromagnetism, Electromagnetic Waves</p> <p>(g) Atomic, Nuclear and Particle Physics?</p> <p>The degree must also include the study of at least two of the following Chemistry areas:</p> <p>(h) Organic Chemistry</p> <p>(i) Inorganic Chemistry</p> <p>(j) Physical Chemistry</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>

In relation to questions 3, 4, 5 and 6 above, please list below the code(s), title(s) and ECTS credit values for each module studied.

Essential Areas of Study

(studies should of been completed in at least four of the areas of 6(a)-6(g))

Area of Study: Classical Mechanics		
Module Code	Module Title	ECTS Credit Value

Area of Study: Quantum Mechanics		
Module Code	Module Title	ECTS Credit Value

Area of Study: Oscillations, Waves, Acoustics		
Module Code	Module Title	ECTS Credit Value

Area of Study: Thermodynamics		
Module Code	Module Title	ECTS Credit Value

Area of Study: Light		
Module Code	Module Title	ECTS Credit Value

Area of Study: Electromagnetism, Electromagnetic Waves		
Module Code	Module Title	ECTS Credit Value

Area of Study: Atomic, Nuclear and Particle Physics		
Module Code	Module Title	ECTS Credit Value

Essential Areas of Study

(studies should of been completed in at least two of the areas of 6(h)-6(j))

Area of Study: Organic Chemistry		
Module Code	Module Title	ECTS Credit Value

Area of Study: Inorganic Chemistry		
Module Code	Module Title	ECTS Credit Value

Area of Study: Physical Chemistry		
Module Code	Module Title	ECTS Credit Value

Area of Study: Other		
Module Code	Module Title	ECTS Credit Value

Total ECTS Credits in Physics and Chemistry	
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Science (Junior Cycle)

An applicant who meets the registration criteria for **Physics and Chemistry** will also be deemed to have acquired the competency to teach the **Junior Cycle** curricular subject Science if he/she has studied a minimum of 10 ECTS credits (or equivalent) in Biology.

[Click here](#) to view requirements for Biology.

If you have studied a minimum of 10 ECTS credits (or equivalent) in Biology please **list below the code(s), title(s) and ECTS credit values for each Business and Economics module studied.**

Area of Study: Biology		
Module Code	Module Title	ECTS Credit Value

I declare that I have completed the studies in **Physics & Chemistry** 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).