

Name of HEI

An Chomhairle
Mhúinteoireachta



The Teaching Council

Subject Specification Form (SSF)

Chemistry

**For the submission of programmes
for review and professional
accreditation by the Teaching
Council (concurrent post-primary
programmes only)**

**A Subject Specification Form must be submitted for
each post-primary curricular subject included in the
accreditation application.**

Chemistry

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

- 1**
 - (a) Chemistry must be studied in the degree 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.

Chemistry

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

1	Is the degree equivalent to a least a Level 8 on the Irish National Framework of Qualifications (NFQ) with Chemistry studied up to and including third-year level or higher (or modular equivalent)?	Yes	No
2	Does the degree carry a minimum of 180 ECTS credits (or equivalent)?	Yes	No
3	Does the study of Chemistry carry a minimum of 60 ECTS credits (or equivalent)?	Yes	No
4	Does the study of Chemistry show that the graduate 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)?	Yes	No
5	Does the study of Chemistry include the study of modules in all of the following essential areas?	Yes	No
	a) Organic Chemistry		
	b) Inorganic Chemistry	Yes	No
	c) Physical Chemistry	Yes	No
6	Are the remaining ECTS drawn from the following areas, or their equivalences?		
	d) Analytical Chemistry	Yes	No
	e) Environmental Chemistry	Yes	No
	f) Pharmaceutical Chemistry/Biopharmaceutical Chemistry	Yes	No
	g) Industrial Chemistry	Yes	No
7	Does the study of Chemistry include the essential area of laboratory/practical work?	Yes	No

Chemistry

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

Essential Areas of Study

Area of Study:

(a) Organic Chemistry

Module Code	Module Title	ECTS Credit Value

Area of Study:

(b) Inorganic Chemistry

Module Code	Module Title	ECTS Credit Value

Chemistry

Area of Study:
(c) Physical Chemistry

Module Code	Module Title	ECTS Credit Value

Essential Area of Study:
Laboratory/practical work

Module Code	Module Title	ECTS Credit Value

Chemistry

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

Optional Areas of Study

Area of Study: (d) Analytical Chemistry		
Module Code	Module Title	ECTS Credit Value

Area of Study: (e) Environmental Chemistry		
Module Code	Module Title	ECTS Credit Value

Chemistry

Area of Study: (f) Pharmaceutical Chemistry/Biopharmaceutical Chemistry		
Module Code	Module Title	ECTS Credit Value

Area of Study: (g) Industrial Chemistry		
Module Code	Module Title	ECTS Credit Value

Chemistry

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

Total ECTS Credits in Chemistry	
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