

Name of HEI

An Chomhairle
Mhúinteoireachta



The Teaching Council

Subject Specification Form (SSF)

Agricultural Science

**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.**

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, **all** of the following criteria must be met:

- 1**
 - (a) Agricultural Science 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 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 equivalents:

- 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.

Agricultural Science

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

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| 1 | Is the degree equivalent to a least a Level 8 on the Irish National Framework of Qualifications (NFQ), with Agricultural Science 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 Agricultural Science carry a minimum of 60 ECTS credits (or equivalent)? | Yes | No |
| 4 | Does the study of Agricultural Science show that the graduate 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)? | Yes | No |
| 5 | Does the study of Agricultural Science include the study of all of the following essential areas? | Yes | No |
| | a) Crop Production Science | | |
| | b) Animal Production Science | Yes | No |
| 6 | Are the remaining ECTS drawn from the following areas, or their equivalences? | | |
| | c) Supporting Sciences in the disciplines of Plant and Animal biology | Yes | No |
| | d) Soil Sciences/geological sciences | Yes | No |
| | e) Environmental sciences | Yes | No |
| | f) Genetics | Yes | No |
| | g) Biochemistry/Cell Biology/Molecular Biology | Yes | No |
| | h) Microbiology | Yes | No |
| | i) Ecology | Yes | No |
| | j) Other relevant areas of study such as sustainability, biodiversity, organic agriculture, climatology, and climate change | Yes | No |
| 7 | Does the study of Agricultural Science include laboratory/practical work? | Yes | No |

Agricultural Science

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: Crop Production Science

| Module Code | Module Title | ECTS Credit Value |
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Area of Study: Animal Production Science

| Module Code | Module Title | ECTS Credit Value |
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Agricultural Science

Area of Study:
Laboratory/practical work

| Module Code | Module Title | ECTS Credit Value |
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Agricultural Science

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

Optional Areas of Study

| Area of Study: Supporting Sciences in the disciplines of Plant and Animal biology | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Soil Sciences/geological sciences | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Environmental sciences | | |
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| Module Code | Module Title | ECTS Credit Value |
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Agricultural Science

| Area of Study: Genetics | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Biochemistry/Cell Biology/Molecular Biology | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Microbiology | | |
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| Module Code | Module Title | ECTS Credit Value |
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Agricultural Science

| Area of Study: Ecology | | |
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| Module Code | Module Title | ECTS Credit Value |
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| Area of Study: Other relevant areas of study such as sustainability, biodiversity, organic agriculture, climatology, and climate change | | |
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| Module Code | Module Title | ECTS Credit Value |
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Agricultural Science

Area of Study:
Other

| Module Code | Module Title | ECTS Credit Value |
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| Total ECTS Credits in Agricultural Science | |
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