Proposed Curriculum Principles and Architecture

1. Proposed Curriculum Principles

The Trinity Curriculum is structured around five principles. The curriculum for all undergraduate programmes:

- provides structured but flexible pathways that support the achievement of the programme-level outcomes and the development of the graduate attributes
- is programme-focused
- is research-centered

It employs
- a range of teaching, learning and assessment strategies

and is
- supported by appropriate technology-enhanced approaches.

2. Flexible in achieving programme level outcomes

A curriculum provides structured but flexible pathways that support the achievement of the programme-level outcomes and the development of the graduate attributes:

1. Each programme enables students to engage in learning opportunities and experiences beyond and outside of the core programme within parameters that respect the coherence of the programme. In this way, students are able to engage in learning beyond their discipline and/or in inter-professional learning;
2. The curriculum architecture provides time and space for students to engage in co-curricular learning;
3. The curriculum provides opportunities for students to integrate knowledge, skills and competencies acquired through the taught curriculum with what they have learned through internships and/or international study experience and co-curricular activities;
4. Teaching and learning draws on a range of pedagogies and assessment paradigms that are responsive to different learning styles and aligned with different outcomes.
3. **Rationale for the Proposed Common Architecture**

**Depth/breadth:** The architecture ensures a balance between depth and breadth within the subject and some breadth outside the subject area through the approved modules, Trinity elective modules or additional subject(s).

**Flexibility in pathway choice:** The architecture provides students with the opportunity to change pathway during their degree programme within clearly defined parameters.\(^1\)

**Simplicity:** It is a common, shared architecture which allows new subject combinations to emerge within a structured framework. Progress through the structure is governed by one set of shared/agreed regulations.

4. **Principles underlying Proposed Common Architecture**

**Entry routes:** Students enter into a one-, two- or three-subject\(^2\) first year, or into a common entry programme (eg. BESS, PPES) or into a multi-disciplinary programme (e.g. European Studies).

**Exit routes:** Degree awards are a function of the number and academic level of credits accumulated in one or more subjects in the last two years of study. This model is predicated on/ensures harmonisation of requirements for particular degree awards.

Not all programmes may currently be able to offer all exit pathways (eg. not all programmes may be able to offer a Single Honors exit pathway).

**Foundation level and degree level:** The Freshman years provide the foundation for more specialist study in the Sophister years.

**Flexibility and breadth:** Students may give up a subject after their Junior Freshman year and may take up a new subject at foundation level in the Senior Freshman year. In some pathways, they may keep this ‘new’ second subject on as a minor.

The Senior Freshman year also provides students with the opportunity to continue their studies in their chosen subject(s) and to broaden their learning by selecting approved modules, Trinity elective modules or an additional subject.

**Capstone:** The capstone — though defined differently by different subjects — is the common element across all exit routes. In all subjects, it requires a significant level of independent input by the student. It should allow students to showcase skills and knowledge which they have developed across a range of subject areas and across their four years of study. The credit value of the capstone is 20 ECTS, although some flexibility may be permitted, recognising that a one-size-fits-all approach is not always appropriate.

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\(^1\) Transfer of pathway does not normally apply in the case of professionally accredited programmes.

\(^2\) The three-subject entry route does not exist at present, but may offer future opportunities for programmes to opt into.
Regulations: A student's progression through the undergraduate degree structure is governed by rules which are common to all courses. For example:

1. Students may only be registered for one full-time award at Trinity.
2. Full-time undergraduate study comprises 60 credits in each year of study.
3. Any student who has not attained the required credit points for their year of study (e.g. 60 credits for full-time students) may be required to take resit exams or additional courses to make good the deficit.
4. Unless granted a concession by the Course/Programme Director, students must comply with the pre-requisite and co-requisite requirements of modules.
5. Students are required to have satisfactorily completed a minimum of 20 ECTS in academic level 2 modules in a given subject to be eligible to take academic level 3 modules in that subject.
6. Students are required to have satisfactorily completed a minimum of 20 ECTS in academic level 3 modules in a given subject to qualify for an award in that subject.

5. **Common Architecture**

5.1 The proposed common architecture decouples programme entry routes from exit routes (awards). For example, a student enters via a common entry route (e.g. BESS) and exits with either a single honors or a joint honors degree. In the same way, a student may enter via a single subject route and could exit with a single honors degree or a single honors with a minor award.

The architecture is predicated on a programme comprised of a two-year freshman cycle followed by a two-year sophister cycle which, intrinsically, determines the exit award.

A student acquires 120 credits in the freshman, or foundation, years before progressing to their 120 credit sophister programme. The architecture presents students with a number of opportunities to navigate a structured, but flexible pathway towards their final degree. The award of the final degree is governed by completion of foundation modules and by the amount of accumulated credit in the sophister years at the appropriate academic level.

**Professional Pathway (non-clinical programmes)**

The professional pathway applies to Single Honors degree programmes which are subject to external professional accreditation or whose curricula are necessarily shaped by the content requirements of professional bodies. Examples include Engineering and Computer Science.

Transfer to a different pathway is not normally possible within the professional pathway.
Table 1: Possible exit routes for each entry route

<table>
<thead>
<tr>
<th>Entry route</th>
<th>Exit route</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Subject</td>
<td>➢ Single Honors</td>
</tr>
<tr>
<td></td>
<td>➢ Major with minor</td>
</tr>
<tr>
<td></td>
<td>➢ Single Honors with minor</td>
</tr>
<tr>
<td>Two subjects</td>
<td>➢ Single Honors</td>
</tr>
<tr>
<td></td>
<td>➢ Major with minor</td>
</tr>
<tr>
<td></td>
<td>➢ Single Honors with minor</td>
</tr>
<tr>
<td></td>
<td>➢ Joint Honors</td>
</tr>
<tr>
<td>Three subjects</td>
<td>➢ Single Honors</td>
</tr>
<tr>
<td></td>
<td>➢ Major with minor</td>
</tr>
<tr>
<td></td>
<td>➢ Single Honors with minor</td>
</tr>
<tr>
<td></td>
<td>➢ Joint Honors</td>
</tr>
<tr>
<td>Common Entry (e.g., BESS, PPES)</td>
<td>➢ Single Honors</td>
</tr>
<tr>
<td></td>
<td>➢ Major with minor</td>
</tr>
<tr>
<td></td>
<td>➢ Single Honors with minor</td>
</tr>
<tr>
<td></td>
<td>➢ Joint Honors</td>
</tr>
<tr>
<td>Multi-discipline (e.g., European Studies)</td>
<td>➢ Single Honors</td>
</tr>
<tr>
<td></td>
<td>➢ Major with minor</td>
</tr>
<tr>
<td></td>
<td>➢ Single Honors with minor</td>
</tr>
<tr>
<td></td>
<td>➢ Joint Honors</td>
</tr>
<tr>
<td>Professional (non-clinical) (e.g., Computer Science, Engineering)</td>
<td>➢ Single Honors (Professional)</td>
</tr>
</tbody>
</table>

See also 6. Entry routes -> Exit routes below.

5.2 EXAMPLE: Student entering via a Single Subject Route

5.2.1 Junior Freshman
Students entering a chosen Single Subject route attain 60 ECTS in their core programme of study in the Junior Freshman year. Modules are at foundation level (i.e., academic level 1) and provide a firm basis in knowledge, skills and competencies of that subject.

5.2.2 Senior Freshman
Programmes release 20 ECTS for continuing students to allow a second subject to be chosen or for approved modules or Trinity elective modules to be studied. Students who choose to continue primarily in their main subject add breadth either by

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3 A multi-discipline entry route offers a multi-discipline exit route (award) when three or more subjects are studied in all years of the programme.
selecting a second complementary or related subject (20 ECTS) or by choosing 20 ECTS in approved modules or Trinity elective modules. Alternatively, students may choose to study three subjects in the Senior Freshman year (their main subject, a second complementary or related subject, and a third subject or approved modules or Trinity elective modules (20 ECTS). (Students opting to take approved modules or Trinity Elective modules must take 10 Trinity Electives and 20 approved modules over the course of their programme).

Where students take up a second or third subject, they will normally be required to opt for Foundation or academic level 1 modules, in order to ensure that they have the required knowledge and skills to advance further in the subject.

5.2.3 Sophister years
At the end of the Senior Freshman year, students are required to choose their Sophister pathway. A student may elect to continue towards a Single Honors degree award and is required to complete 90 ECTS in their core subject at academic levels 3/4 and 10 ECTS in their second subject or in approved modules or Trinity elective modules. A capstone project weighted at 20 ECTS is compulsory.

Alternatively, students can pursue a Single Honors degree with a minor award in another subject. They must complete 60 ECTS in the core subject at academic levels 3/4 and 40 ECTS in the minor, of which 20 ECTS must be at academic levels 3/4. A capstone project weighted at 20 ECTS is compulsory.

5.2.4 Professional Programmes
Professional programmes (i.e., degree programmes which are subject to external professional accreditation or whose curricula are necessarily shaped by the content requirements of professional bodies).

All such Single Honors programmes must enable students to take modules to the value of 30 ECTS outside their core programme. Of the 30 ECTS:

- 10 ECTS must be Trinity electives;
- 20 ECTS must be approved modules.

- The programme determines when over the four years this breadth should be enabled.
- All students must take 10 ECTS Trinity electives and 20 ECTS approved modules.
- Each programme must ensure that:
  - the agreed curriculum principles are aligned with the programme architecture;
  - the programme architecture enables the development of the graduate attributes;
while meeting the requirements of the accrediting bodies.
5.3 Academic Levels, Subjects, Approved Modules, Trinity Electives

Breadth is provided by the student taking a second/third subject; or a combination of approved modules and Trinity electives.

5.3.1 Academic Levels
- A minimum number of credits in one subject must be achieved at academic levels 1/2 before a student may progress to the sophister years in the same subject.
- All Sophister exit options require students to complete a minimum number of modules at academic levels 3/4 before the award of a degree.

The working group tasked with pathways and progression will also include the academic levels within its remit. At programme level, modules will need to be mapped to the agreed framework.

5.3.2 Subject 2, Subject 3 (e.g., within a Single Subject pathway)
- Each programme of study agrees and provides a list of subjects which complement or relate to the core subject.
- Students choose their second (or third) subject from the agreed/approved list of complementary or related subjects.
- The programme releases sufficient credits from the core programme to enable a student to select a preferred pathway.
- Subject 2 (and Subject 3) is chosen by the student before progressing to the SF year.
5.3.3 Trinity Electives and Approved Modules

Trinity electives and approved modules, together with their aims, are described in Table 2 below.

**Table 2: Trinity Electives and Approved Modules**

<table>
<thead>
<tr>
<th>Trinity Electives</th>
<th>Approved Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stand-alone, institution-wide modules</td>
<td>New or existing modules, within defined groups (e.g. AHSS, STEM, HS)</td>
</tr>
<tr>
<td>Available to students from all disciplines across the university</td>
<td>Modules in fields related or complementary to the student’s core subject area</td>
</tr>
<tr>
<td>Not available within a core programme of study</td>
<td>May be core modules for other subject/s, but are not in the student’s core subject/s</td>
</tr>
<tr>
<td>Student chooses which modules to take</td>
<td>Programme determines the range of approved modules from which students may choose</td>
</tr>
</tbody>
</table>

Trinity Electives and Approved Modules provide students with opportunities to develop the graduate attributes by:

- adding breadth to their learning through engaging in learning opportunities outside of their core subject area/s;
- gaining a strong foundation knowledge in a wider range of subjects that they may not otherwise have encountered;
- broadening their knowledge of key contemporary and historical issues;
- engaging in learning opportunities in diverse/heterogeneous student groups;
- experiencing innovative and interdisciplinary approaches to learning;
- experiencing a range of teaching, learning and assessment methods;
- taking an active, self-directed approach to their own learning;
- enhancing the range and depth of their transferable skills.

The following principles apply in relation to Trinity elective modules and approved modules:

- The programme releases sufficient credits from the core programme to enable students to select Trinity elective modules and approved modules;
- Student choice drives their selection of Trinity elective/s;
- The programme of study determines the range of approved modules, from which students may choose. Students then select their 20 ECTS approved modules from the defined list of modules;
- Places on Trinity electives and approved modules are subject to module size limits and timetable constraints.
6. Entry routes -> Exit routes

6.1 Entry route: Single subject

**JF year**
60 ECTS in one subject only (Subject 1)

**SF year**
40 ECTS in Subject 1 and 20 ECTS in a second subject (Subject 2) **OR**
40 ECTS in Subject 1 and 20 ECTS in approved modules or Trinity elective modules **OR**
20 ECTS in Subject 1 and 20 ECTS in Subject 2 and 20 ECTS in a third subject (Subject 3) **OR**
20 ECTS in Subject 1 and 20 ECTS in Subject 2 and 20 ECTS in approved modules or Trinity elective modules.

**Sophister Years** (Years 3 and 4)

**Exit Route 1** Single Honors degree

90 ECTS in Subject 1 @ academic levels 3/4 and 10 ECTS in Subject 2 *(already taken)* **OR**
90 ECTS in Subject 1 @ academic levels 3/4 and 10 ECTS in approved modules or Trinity elective modules **AND**
20 ECTS in the capstone project (in Subject 1)

**Exit Route 4** Single Honors with a minor subject degree *(award title to be confirmed)*

60 ECTS in Subject 1 @ academic levels 3/4 and 40 ECTS in Subject 2 (of which 20 ECTS are at academic level 2 and 20 ECTS are at academic levels 3/4) **AND**
20 ECTS in the capstone project (in Subject 1)

6.2 Entry route: Professional (e.g., Computer Science, Engineering)

**JF year**
60 ECTS in one subject only (Subject 1)

**SF year**
60 ECTS in one subject only (Subject 1)

**Sophister Years** (Years 3 and 4)

**Exit Route 2** Single Honors (Professional) degree

70 ECTS in Subject 1 @ academic levels 3/4 and 30 ECTS in approved modules or Trinity elective modules* **AND** 20 ECTS in the capstone project

* NB. The programme determines when the student takes approved and Trinity elective modules, meaning that these may be taken in the Freshman and Sophister years.
### 6.3 Entry route: Two subjects

<table>
<thead>
<tr>
<th>Year</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>JF year</strong></td>
<td>30 ECTS in Subject 1 and Subject 2</td>
</tr>
</tbody>
</table>
| **SF year** | 40 ECTS in Subject 1 and 20 ECTS in a second subject (Subject 2)  
OR  
40 ECTS in Subject 1 and 20 ECTS in approved modules or Trinity elective modules  
OR  
20 ECTS in Subject 1 and 20 ECTS in Subject 2 and 20 ECTS in a third subject (Subject 3)  
OR  
20 ECTS in Subject 1 and 20 ECTS in Subject 2 and 20 ECTS in approved modules or Trinity elective modules. |

### Sophister Years (Years 3 and 4)

#### Exit Route 1  Single Honors degree

- 90 ECTS in Subject 1 @ academic levels 3/4 and 10 ECTS in Subject 2 (*already taken*)  
  OR  
- 90 ECTS in Subject 1 @ academic levels 3/4 and 10 ECTS in approved modules or Trinity elective modules  
  AND  
- 20 ECTS in the capstone project (in Subject 1)

#### Exit Route 3  Major with a minor subject degree (*award title to be confirmed*)

- 70 ECTS in Subject 1 @ academic levels 3/4 and 30 ECTS in Subject 2 (of which 30 ECTS are at academic levels 3/4)  
  AND  
- 20 ECTS in the capstone project (in Subject 1)

#### Exit Route 4  Single Honors with a minor subject degree (*award title to be confirmed*)

- 60 ECTS in Subject 1 @ academic levels 3/4 and 40 ECTS in Subject 2 (of which 20 ECTS are at academic level 2 and 20 ECTS are at academic levels 3/4)  
  AND  
- 20 ECTS in the capstone project (in Subject 1)

#### Exit Route 5  Joint Honors degree

- 50 ECTS in Subject 1 @ academic levels 3/4 and 50 ECTS in Subject 2 @ academic levels 3/4  
  AND  
- 20 ECTS in the capstone project in either subject.
### 6.4 Entry route: Three subjects

<table>
<thead>
<tr>
<th><strong>JF year</strong></th>
<th>20 ECTS in each of three subjects</th>
</tr>
</thead>
</table>

| **SF year** | 40 ECTS in Subject 1 and 20 ECTS in a second subject (Subject 2)  
**OR**  
40 ECTS in Subject 1 and 20 ECTS in approved modules or Trinity elective modules  
**OR**  
20 ECTS in Subject 1 and 20 ECTS in Subject 2 and 20 ECTS in a third subject (Subject 3)  
**OR**  
20 ECTS in Subject 1 and 20 ECTS in Subject 2 and 20 ECTS in approved modules or Trinity elective modules. |

### Sophister Years (Years 3 and 4)

| **Exit Route 1** | Single Honors degree  
90 ECTS in Subject 1 @ academic levels 3/4 and 10 ECTS in Subject 2 (*already taken*)  
**OR**  
90 ECTS in Subject 1 @ academic levels 3/4 and 10 ECTS in approved modules or Trinity elective modules  
**AND**  
20 ECTS in the capstone project (in Subject 1) |

| **Exit Route 3** | Major with a minor subject degree (*award title to be confirmed*)  
70 ECTS in Subject 1 @ academic levels 3/4 and 30 ECTS in Subject 2 (of which 30 ECTS are at academic levels 3/4)  
**AND**  
20 ECTS in the capstone project (in Subject 1) |

| **Exit Route 4** | Single Honors with a minor subject degree (*award title to be confirmed*)  
60 ECTS in Subject 1 @ academic levels 3/4 and 40 ECTS in Subject 2 (of which 20 ECTS are at academic level 2 and 20 ECTS are at academic levels 3/4)  
**AND**  
20 ECTS in the capstone project (in Subject 1) |

| **Exit Route 5** | Joint Honors degree  
50 ECTS in Subject 1 @ academic levels 3/4 and 50 ECTS in Subject 2 @ academic levels 3/4  
**AND**  
20 ECTS in the capstone project in either subject |
6.5 Entry route: Common entry (e.g., BESS, PPES)

**JF year**
60 ECTS spread across three or more disciplines

**SF year**
60 ECTS spread across three or more disciplines OR
40 ECTS in Subject 1 and 20 ECTS in a second subject (Subject 2) OR
40 ECTS in Subject 1 and 20 ECTS in approved modules or Trinity elective modules OR
20 ECTS in Subject 1 and 20 ECTS in Subject 2 and 20 ECTS in a third subject (Subject 3) OR
20 ECTS in Subject 1 and 20 ECTS in Subject 2 and 20 ECTS in approved modules or Trinity elective modules.

**Sophister Years** (Years 3 and 4)

**Exit Route 1** Single Honors degree

90 ECTS in Subject 1 @ academic levels 3/4 and 10 ECTS in Subject 2 (already taken) OR
90 ECTS in Subject 1 @ academic levels 3/4 and 10 ECTS in approved modules or Trinity elective modules AND
20 ECTS in the capstone project (in Subject 1)

**Exit Route 3** Major with a minor subject degree (award title to be confirmed)

70 ECTS in Subject 1 @ academic levels 3/4 and 30 ECTS in Subject 2 (of which 30 ECTS are at academic levels 3/4) AND
20 ECTS in the capstone project (in Subject 1)

**Exit Route 4** Single Honors with a minor subject degree (award title to be confirmed)

60 ECTS in Subject 1 @ academic levels 3/4 and 40 ECTS in Subject 2 (of which 20 ECTS are at academic level 2 and 20 ECTS are at academic levels 3/4) AND
20 ECTS in the capstone project (in Subject 1)

**Exit Route 5** Joint Honors degree

50 ECTS in Subject 1 @ academic levels 3/4 and 50 ECTS in Subject 2 @ academic levels 3/4 AND
20 ECTS in the capstone project in either subject
6.6 Entry route: Multi-discipline (e.g., European Studies)

**JF year**  
60 ECTS spread across three or more disciplines

**SF year**  
60 ECTS spread across three or more disciplines OR  
40 ECTS in Subject 1 and 20 ECTS in a second subject (Subject 2) OR  
40 ECTS in Subject 1 and 20 ECTS in approved modules or Trinity elective modules OR  
20 ECTS in Subject 1 and 20 ECTS in Subject 2 and 20 ECTS in a third subject (Subject 3) OR  
20 ECTS in Subject 1 and 20 ECTS in Subject 2 and 20 ECTS in approved modules or Trinity elective modules.

**Sophister Years** (Years 3 and 4)

**Exit Route 1**  
Single Honors degree  
90 ECTS in Subject 1 @ academic levels 3/4 and 10 ECTS in Subject 2 (already taken) OR  
90 ECTS in Subject 1 @ academic levels 3/4 and 10 ECTS in approved modules or Trinity elective modules AND  
20 ECTS in the capstone project (in Subject 1)

**Exit Route 3**  
Major with a minor subject degree (award title to be confirmed)  
70 ECTS in Subject 1 @ academic levels 3/4 and 30 ECTS in Subject 2 (of which 30 ECTS are at academic levels 3/4) AND  
20 ECTS in the capstone project (in Subject 1)

**Exit Route 4**  
Single Honors with a minor subject degree (award title to be confirmed)  
60 ECTS in Subject 1 @ academic levels 3/4 and 40 ECTS in Subject 2 (of which 20 ECTS are at academic level 2 and 20 ECTS are at academic levels 3/4) AND  
20 ECTS in the capstone project (in Subject 1)

**Exit Route 5**  
Joint Honors degree  
50 ECTS in Subject 1 @ academic levels 3/4 and 50 ECTS in Subject 2 @ academic levels 3/4 AND  
20 ECTS in the capstone project in either subject

**Exit Route 6**  
Multi-discipline degree  
120 ECTS in three or more disciplines @ academic levels 3/4, to include a capstone project at 20 ECTS.
7. **Programme Architecture – Science**

The Undergraduate Science Education Working Group (USEWG) which reports into Strand 2 – Curriculum Principles and Architecture through the Associate Dean for Undergraduate Science Programmes, was established to make recommendations on the future programme architecture of Trinity undergraduate degrees in the Sciences which should:

- provide disciplinary integrity and coherence for each programme type;
- provide flexibility in programme pathways;
- provide appropriate opportunities for learning beyond a given discipline, co-curricular learning, study abroad and internships;
- provide appropriate standardisation of progression regulations across programmes;
- enable/facilitate the achievement of curricular principles agreed via Council.

The proposals outlined below have been informed by, and reflect input from the following multiple sources over a period of six months:

- Multiple strands of the Trinity Education Project;
- The TR071 Undergraduate Science Review;
- Deliberations of the USEWG Committee;
- Ad hoc meetings with scientists from all science disciplines.

This proposed architecture is predicated on the following:

1. **Introduction of 3 streams:**
   - Chemistry and Physics
   - Life Sciences
   - Earth Sciences, Geography

2. **Breadth in the core curriculum.**

3. Each student to have the opportunity to take up to 50 ECTS in approved modules.

4. Each student must take 10 ECTS in Trinity elective modules.
8. Programme Architecture – Clinical Programmes

8.1 Clinical Programmes (eg. Medicine, Therapies)

Each programme must ensure:
- that the agreed curriculum principles are aligned with the programme architecture;
- that the programme architecture enables the delivery of the graduate attributes;

while meeting the requirements of the accrediting and statutory bodies.

Further work in relation to the development of interprofessional modules will take place in conjunction with the new appointment of Assistant Professor in Interprofessional Learning in the Faculty of Health Sciences. This appointment will support Schools across the Faculty with the academic development, expansion, coordination and implementation of interprofessional learning.
Trinity Education Project

Strand 2: Curriculum Principles and Architecture

Curriculum Principles and Proposed Programme Architecture

Wednesday 08 June 2016
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   • Three Subject (new)
   • Common Entry
   • Multi-disciplinary

4. Programme Architecture – Professional
   • Professional

5. Possible Exit Routes for each Entry Route

6. Programme Architecture – Science
   • Science

7. Programme Architecture – Clinical Programmes
Rationale for the Proposed Common Architecture

**Simplicity:** Common shared architecture which allows new subject combinations/clusters to emerge within a structured framework. Progress through the structure is governed by one set of shared/agreed regulations.

**Depth/breadth:** Architecture ensures a balance between depth and breadth within the subject and some breadth outside the subject area through the approved modules, Trinity elective modules or additional subject(s).

**Flexibility in pathway choice:** the architecture provides students with the opportunity to change pathway during their degree programme within clearly defined parameters.
Principles of the Architecture

**Entry routes:** Students enter into a one-, two- or three-subject first year, or into a common entry programme (eg. BESS, PPES) or into a multi-disciplinary programme (eg. European Studies).

**Exit routes:** Degree awards are a function of the number and level of credits accumulated in one or more subjects in the last two years of study. *Not all programmes may currently be able to offer all exit pathways.*

**Foundation level and degree level:** Freshman years provide the foundations for more specialist study in the Sophister years.

**Capstone:** Common element across all exit routes. Integrative exercise allowing students to showcase skills and knowledge they have developed across a range of subject areas and across their four years of study.
Entry Route: COMMON ARCHITECTURE

Freshman years: 120 ECTS

<table>
<thead>
<tr>
<th>Single Subject</th>
<th>Professional</th>
<th>Two Subject</th>
<th>Three Subject</th>
<th>Common entry</th>
<th>Multi-disciplinary</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1 60 ECTS</td>
<td>S1 60 ECTS</td>
<td>S1 30 ECTS</td>
<td>S1 20 ECTS</td>
<td>S1 10 ECTS</td>
<td>S1, S2, S3 ... Sn 60 ECTS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S2 30 ECTS</td>
<td>S2 20 ECTS</td>
<td>S2 10 ECTS</td>
<td></td>
</tr>
<tr>
<td>S1 40 ECTS</td>
<td>S1 30 ECTS</td>
<td>S1 20 ECTS</td>
<td>S3 10 ECTS</td>
<td>S3 20 ECTS</td>
<td></td>
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<tr>
<td></td>
<td>S2 20 ECTS</td>
<td>S4 10 ECTS</td>
<td>Other 10 ECTS</td>
<td>Other 10 ECTS</td>
<td></td>
</tr>
<tr>
<td>S2/AM/TE 20 ECTS</td>
<td>S3 60 ECTS</td>
<td></td>
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</tr>
</tbody>
</table>

Sophister years: 120 ECTS

<table>
<thead>
<tr>
<th>Single Honors</th>
<th>Single Honors (Professional)</th>
<th>Major with minor</th>
<th>Single honors with minor</th>
<th>Joint Honors</th>
<th>Multi-disciplinary</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1 90 ECTS @ levels 3/4</td>
<td>S1 70 ECTS @ levels 3/4</td>
<td>S1 70 ECTS @ levels 3/4</td>
<td>S1 60 ECTS @ levels 3/4</td>
<td>S1 50 ECTS @ levels 3/4</td>
<td>S1, S2, S3 ... Sn 100 ECTS @ levels 3/4</td>
</tr>
<tr>
<td>S2/AM/TE 10 ECTS</td>
<td>AM/TE 30 ECTS</td>
<td>S2 30 ECTS (of which 30 are at levels 3/4)</td>
<td>S2 40 ECTS (of which 20 are at level 2 and 20 are at levels 3/4)</td>
<td>CAPSTONE 20 ECTS</td>
<td>CAPSTONE 20 ECTS</td>
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<td>CAPSTONE 20 ECTS</td>
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</tr>
</tbody>
</table>

S2 is dropped at end of JS

Award:
- Single Honors
- Single Honors (Professional)
- Major with minor
- Single honors with minor
- Joint Honors
- Multi-disciplinary
Entry Route:

**SINGLE**

Freshman years:
- **S1** 60 ECTS
- **S2** 20 ECTS
- **S3/AM/TE** 20 ECTS

Sophister years:
- **S1** 40 ECTS
- **S2/AM/TE** 20 ECTS
- **S1** 90 ECTS @ levels 3/4
- **S2/AM/TE** 10 ECTS
- **CAPSTONE** 20 ECTS
- **S1** 70 ECTS @ levels 3/4
- **S2** 30 ECTS (of which 30 are at levels 3/4)
- **CAPSTONE** 20 ECTS
- **S1** 60 ECTS @ levels 3/4
- **S2** 40 ECTS (of which 20 are at level 2 and 20 are at levels 3/4)
- **CAPSTONE** 20 ECTS
- **S1** 50 ECTS @ levels 3/4
- **S2** 50 ECTS @ levels 3/4
- **CAPSTONE** 20 ECTS

Award:
- Single Honors
- Major with minor
- Single Honors with minor
- Joint Honors
Entry Route:

Freshman years: 120 ECTS

S1 30 ECTS
S2 30 ECTS
S3/AM/TE 20 ECTS
S2/AM/TE 20 ECTS

Sophister years: 120 ECTS

S1 40 ECTS
S2/AM/TE 20 ECTS

S1 90 ECTS @ levels 3/4
S2/AM/TE 10 ECTS
CAPSTONE 20 ECTS

S1 70 ECTS @ levels 3/4
S2 30 ECTS (of which 30 are at levels 3/4)
CAPSTONE 20 ECTS

S1 60 ECTS @ levels 3/4
S2 40 ECTS (of which 20 are at level 2 and 20 are at levels 3/4)
CAPSTONE 20 ECTS

S1 50 ECTS @ levels 3/4
S2 50 ECTS @ levels 3/4
CAPSTONE 20 ECTS

Award:
- Single Honors
- Major with minor
- Single Honors with minor
- Joint Honors
Entry Route:

Freshman years: 120 ECTS

Sophister years: 120 ECTS

Award:
- Single Honors
- Major with minor
- Single Honors with minor
- Joint Honors
Entry Route: COMMON ENTRY

Freshman years:
120 ECTS

Sophister years:
120 ECTS

Award:
- Single Honors
- Major with minor
- Single Honors with minor
- Joint Honors
Entry Route: MULTI-DISCIPLINARY

Freshman years: 120 ECTS
- S1 40 ECTS
- S2/AM/TE 20 ECTS

Sophister years: 120 ECTS
- S1 90 ECTS @ levels 3/4
- S2 30 ECTS (of which 30 are at levels 3/4)
- S2/AM/TE 10 ECTS
- CAPSTONE 20 ECTS
- S2 is dropped at end of JS

- S1 60 ECTS @ levels 3/4
- S2 40 ECTS (of which 20 are at level 2 and 20 are at levels 3/4)
- CAPSTONE 20 ECTS

Award:
- Single Honors
- Major with minor
- Single Honors with minor
- Joint Honors
- Multidisciplinary
Programme Architecture - Professional

• Applies to degree programmes which are subject to external professional accreditation or whose curricula are necessarily shaped by the content requirements of professional bodies.

• All such programmes must enable students to take modules to the value of 30 ECTS outside their core programme. Of the 30 ECTS:
  • 10 ECTS must be Trinity Electives;
  • 20 ECTS must be Approved Modules.

• The programme determines when over the four years this breadth should be enabled.

• All students must take 10 ECTS Trinity Electives and 20 ECTS Approved Modules.

• Each programme must ensure:
  • that the agreed curriculum principles are aligned with the programme architecture
  • that the programme architecture enables the development of the graduate attributes
  • while meeting the requirements of the accrediting bodies.
Entry Route: PROFESSIONAL

Freshman years: 120 ECTS

- S1 60 ECTS
- S1 60 ECTS

Sophister years: 120 ECTS

- S1 70 ECTS @ levels 3/4
- AM/TE 30 ECTS
- CAPSTONE 20 ECTS

Award: Single Honors (Professional)
## Possible Exit routes for each Entry route

<table>
<thead>
<tr>
<th>Entry route</th>
<th>Exit route</th>
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| Single Subject                   | ➢ Single Honors  
                                          ➢ Major with minor  
                                          ➢ Single Honors with minor |
| Two subjects                     | ➢ Single Honors  
                                          ➢ Major with minor  
                                          ➢ Single Honors with minor  
                                          ➢ Joint Honors |
| Three subjects                   | ➢ Single Honors  
                                          ➢ Major with minor  
                                          ➢ Single Honors with minor  
                                          ➢ Joint Honors |
| Common Entry (eg. BESS, PPES)    | ➢ Single Honors  
                                          ➢ Major with minor  
                                          ➢ Single Honors with minor  
                                          ➢ Joint Honors |
| Multi-discipline (eg. European Studies) | ➢ Single Honors  
                                          ➢ Major with minor  
                                          ➢ Single honors with minor  
                                          ➢ Joint Honors  
                                          ➢ Multi-disciplinary |
| Professional (eg. Computer Science, Engineering) | ➢ Single Honors (Professional) |
Proposed Programme Architecture - Science

1. Introduction of 3 streams
   - Chemistry and Physics
   - Life Sciences
   - Earth Sciences, Geography

2. Breadth in core curriculum.

3. Each student to have the opportunity to take up to 50 ECTS in approved modules.

4. Each student must take 10 ECTS in Trinity elective modules
Proposed Pathways Model - Science

Proposed new Science streams - Chemistry and Physics
- Life Sciences
- Earth Sciences, Geography

<table>
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<th>Year</th>
<th>Core Programme</th>
<th>Approved Modules</th>
<th>Trinity Elective Modules</th>
<th>ECTS</th>
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</table>

Minimum credits in core programme 180 ECTS
Credits in approved modules up to 50 ECTS
Credits in Trinity elective modules 10 ECTS

60 credits in core programme is compulsory in SS year and includes a project @ 20 ECTS
Programme Architecture – Clinical Programmes

Each programme must ensure

• that the agreed curriculum principles are aligned with the programme architecture

• that the programme architecture enables the delivery of the graduate attributes

• while meeting the requirements of the accrediting bodies.
Thank You