

FACULTY OF SCIENCE AND HEALTH

**Programme Regulations 2016-2017**

**Programme Title** BSc in Science Education

**Programme Code** SE

**Offered on a full-time or part-time basis** Full-time

**Note:** Programme Regulations should be read in conjunction with Marks and Standards which can be found at <http://www.dcu.ie/registry/examinations/index.shtml>

**1. Programme Specific Rules and Requirements**

*1.1 Calculation for the Award Classification*

The calculation of the final year award classification includes contributions from previous years' results as follows:

<b>Year/Subject contribution</b>	<b>Contribution to the award classification</b>
Year 1	5%
Year 2	10%
Year 3	40%
Year 4	45% (comprising of 20% from ES478, and 25% from 4 <sup>th</sup> year precision mark excluding ES478)

Students who transfer into the programme in 2<sup>nd</sup> or 3<sup>rd</sup> year will have their degree classification based on the contribution precision marks that were achieved at DCU as per the weightings outlined above in the relevant years.

*1.2 Monitored Attendance*

Attendance is compulsory and monitored on the following modules:

<b>Module Code</b>	<b>Module Title</b>
CS151	Chemistry Laboratory
PS153	Physics Laboratory for General Science

ES123	Foundation Teaching and Placement Preparation
ES143	Microteaching and Teaching Preparation
CS257	Chemistry Laboratory and Spectroscopy Workshop
PS255	Physics Laboratory II (Science Education)
ES228	Microteaching and School Placement
MS220	Teaching and Assessing Junior Cycle Maths
PS227	Teaching and Assessing Junior Cycle Science
ES338	School Placement and Reflection
CS345	Chemistry Topics and Laboratory
CS362	Chemistry Education Project
MS351	Mathematics Education Project
PS357	Physics Education Project
ES478	School Placement
ES479	School Placement Preparation and Professional Development
CS422	Teaching and Assessing Senior Cycle Chemistry
MS410	Teaching and Assessing Senior Cycle Maths
PS430	Teaching and Assessing Senior Cycle Physics
CS458	Analytical Techniques for Science Education
PS322	Electronics for Science Teachers

## 2. Derogations from Marks and Standards

Professional/External Body: The Teaching Council

A total of 280 ECTS credits are attached to the workload of the BSc in Science Education (M&S 1.1.3, Table 1: Award Credit Accumulation Structure Honours Bachelor Degree: 180 – 240 ECTS credits).

Students taking Mathematics must complete a total of 77.5 credits in Year 4 (M&S 2.2.4 For undergraduate students, the maximum allowable number of ECTS credits in an academic session is 75, and the minimum allowable is 5).

## 3. Progression

### 3.1 Credits for progression

Students must have successfully completed an indicated below minimum number of credits in a study period in order to progress to the next study period.

Year 1 – 60 credits

Year 2 – 70 credits

Year 3 – 72.5 - 75 credits

Year 4 – 75 - 77.5 credits

### 3.2 Carrying of modules

Students will not be permitted to 'carry' modules except in exceptional circumstances and subject to the approval of the Progression and Award Board and mode of delivery permitting.

## 4. Compensation

Compensation may apply, within the regulations specified in Marks and Standards, to all modules except the following:

Module Code	Module Title
CS151	Chemistry Laboratory
PS153	Physics Laboratory for General Science
ES123	Foundation Teaching and Placement Preparation
ES143	Microteaching and Teaching Preparation
CS257	Chemistry Laboratory and Spectroscopy Workshop
PS255	Physics Laboratory II (Science Education)
ES228	Microteaching and School Placement
MS220	Teaching and Assessing Junior Cycle Maths
PS227	Teaching and Assessing Junior Cycle Science
MS110	The Mathematical Experience
ES215	Irish Education: History, Structure and Development
ES336	Developmental Psychology and Individual Differences
ES338	School Placement and Reflection
CS345	Chemistry Topics and Laboratory
CS362	Chemistry Education Project
MS351	Mathematics Education Project
PS357	Physics Education Project
ES341	Philosophical Perspectives on Education
ES330	ICT, Teaching Strategies and Professional Preparation
ES476	Curriculum Development and Evaluation
ES477	Access, Disadvantage, Equality in Education
ES478	School Placement
ES479	School Placement Preparation and Professional Development
CS458	Analytical Techniques for Science Education
CS422	Teaching and Assessing Senior Cycle Chemistry
MS410	Teaching and Assessing Senior Cycle Maths
PS430	Teaching and Assessing Senior Cycle Physics
PS322	Electronics for Science Teachers

## 5. Resit Categories

The resits offered for the August examinations diet vary depending on the module to be re-taken. The following is an explanation of the resit categories.

**Resit category 1:** A resit is available for all components of the module.

**Resit category 2:** No resit is available where the module is 100% assessed by Continuous Assessment.

**Resit category 3:** No resit is available for the continuous assessment component and the examination must be re-taken.

## 6. Repeat Arrangements

Where students enrolled in Year 4 of the programmes in the academic year 2015-2016 are required to repeat failed or deferred modules in the academic year 2016-2017, they take the following modules listed below.

<b>Deactivated Modules</b>	<b>Module Title</b>	<b>Module repeat/deferred student takes</b>
ES402	Philosophical Perspectives on Education	ES402
PS421	History and Issues in Contemporary Science	PS421
MS221S	Calculus of Several Variables	MS221S
MS341	Algebra	MS341
CS206S	Bio-organic and Pharmaceutical Chemistry	CS206S
CS215S	Kinetics and Thermodynamics	CS215S
MS212	Introduction to Analysis	MS212
PS202S	Electromagnetism	PS202S
PS204S	Solid State Physics I	PS204S
MS451	Mathematics Education Project	MS451
CS457	Chemistry Education Project	CS457
PS457	Physics Education Project	PS457