

CS257	Chemistry Laboratory and Spectroscopy Workshop
PS255	Physics Laboratory II (Science Education)
SG230	Microteaching and Teaching Preparation 2
PR310	School Placement
FSH351	STEM Education Project 1 (CS&PS)
FSH352	STEM Education Project 2 (MS&PS, MS&CS)
PR410	School Placement
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
PS433	Electronics for Science Teachers
SG415	Teaching in online and blended environments

1.2 Module Calculation

There are modules on this programme where the module mark will be calculated as the greater of (a) the weighted average of the continuous assessment percentage mark and the terminal examination percentage mark or (b) the terminal examination mark.

The modules are as follows:

<i>Module Code</i>	<i>Module Title</i>
MS116	Calculus for Teachers
CS204 & CS204A	Organic Chemistry
CS102	Introductory Chemistry 2
CS215	Kinetics and Thermodynamics
MS200 & MS200B	Linear Algebra
PS114	Life, the Universe and Everything
PS201 & PS201A	Quantum Physics I
PS207 & PS207A	Nuclear Physics and Relativity
PS223	Introduction to Methods of Classical Mechanics
MS323	Introduction to Analysis
PS202	Electromagnetism
PS204 & PS204A	Solid State Physics I
MS321	Introduction to Abstract Algebra
PS305	Semiconductor Physics I

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).

This stipulation does not apply to the deferred/repeat/legacy students.

3. Progression

3.1 Credits for Progression

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

Year 1 - 65 credits

Year 2 - the number of credits vary depending on the chosen pathway:

Chemistry & Physics - 70 credits

Maths & Chemistry - 67.5 credits

Maths & Physics - 67.5 credits

Year 3 - the number of credits vary depending on the chosen pathway:

Chemistry & Physics - 70 credits

Maths & Chemistry - 75 credits

Maths & Physics - 75 credits

Year 4 - 75 credits

This stipulation does not apply to the deferred/ repeat/ legacy students.

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
ES123	Foundation Teaching and Placement Preparation
ES143	Microteaching and Teaching Preparation
CS257	Chemistry Laboratory and Spectroscopy Workshop
PS255	Physics Laboratory II (Science Education)
SG230	Microteaching and School Placement 2
MS147	The Mathematical Experience
ES215	Irish Education: History, Structure and Development
HD230	Development Psych & Individual Differences
ES336	Developmental Psychology and Individual Differences
PR310	School Placement
ES330 & ES330A	ICT Teaching Strategies & Professional Preparation
ES341	Philosophical Perspectives on Education
FSH351	STEM Education Project 1 (CS&PS)
FSH352	STEM Education Project 2 (MS&PS, MS&CS)
ES476	Curriculum Development and Evaluation
ES477	Access, Disadvantage, Equality in Education
SG415	Teaching in online and blended learning environments

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
PS433	Electronics for Science Teachers
PR410	School Placement

5. Resit Categories

The resit categories of modules on this programme and an explanation of those categories can be found at:

https://www101.dcu.ie/registry/module_contents.php?function=4&programme=SE&yr=22

6. Repeat Arrangements

The following modules will only be made available to repeat students registering in 2021-2022, who previously deferred or did not successfully complete in 2020-2021:

<i>Module Code</i>	<i>Module Title</i>
ES228	Micro-teaching and School Placement
MS220	Teaching and assessing Junior Cycle Mathematics
FSH201	Teaching and assessing Junior Cycle Science
ES338	School Placement and Reflection
PS223	Intro to Methods of Classical Mechanics