



FACULTY OF SCIENCE AND HEALTH

Programme Regulations 2022-2023

Programme Title BSc in Applied Physics

Programme Code AP

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 <https://www.dcu.ie/ovpaa/Policies-and-Regulations.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:

<i>Year/Subject Contribution</i>	<i>Contribution to the Award Classification</i>
Year 3	20%
Year 4	80%

1.2 Monitored Attendance

Attendance is monitored on the following modules:

<i>Module Code</i>	<i>Module Title</i>
PS258	Physics Laboratory III
PS260	Physics Laboratory IV (AP)
IN304	INTRA (Physics)
PS351	Physics Laboratory V
PS451	Final Year Project

1.3 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>
PS201	Quantum Physics I
PS207	Nuclear Physics and Relativity
MS200	Linear Algebra
PS202	Electromagnetism
PS204	Solid State Physics I
PS213	Space Science and Astronomy
PS218	Physics of Renewable Energy
PS301	Quantum Physics II
PS302	Statistical Physics
PS305	Semiconductor Physics I
PS307	Wave Optics
PS402	Solid State Physics
PS407	Quantum Electronics
PS412	Electrodynamics
PS413	Nanotechnology and Surface Analysis
PS403	Digital Signal Processing
PS406	Plasma Science and Technology
*MS243	Linear Mathematics

2. Derogations from Marks and Standards

Marks and Standards apply.

3. Progression

3.1 Credits for Progression

Students must have successfully completed a minimum of 60 credits in a study period (62.5 in Year 2) in order to progress to the next study period.

3.2 Carrying of Modules

Students will not be permitted to 'carry' modules under any circumstances.

4. Compensation

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

<i>Module Code</i>	<i>Module Title</i>
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PS258	Physics Laboratory III
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PS351	Physics Laboratory V
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5. Resit Categories

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

www101.dcu.ie/registry/module_contents.php?function=4&programme=AP&yr=2023

6. Repeat Arrangements

Students who fail/defer both MS200A and MS221 in 2021/2022 must register for alternate modules MS200 and MS244 in 2022/2023.

Students who fail/defer MS221* and pass MS200A in 2021/2022 must register for MS221 in 2022/2023.

Students who fail MS200A and pass MS221 in 2021/2022 must register for the alternate module MS243 in 2022/2023.

*MS221 will continue to run for certain cohorts