FACULTY OF SCIENCE AND HEALTH

Programme Regulations 2019-2020

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 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:

Year/Subject contribution	*Contribution to the award classification*
Year 3	20%
Year 4	80%

1.2 Monitored Attendance

Attendance is monitored on the following modules:

Module Code	*Module Title*
PS151	Physics Laboratory I
PS157	Physics Laboratory II
PS258	Physics Laboratory III
PS260	Physics Laboratory IV
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:

Module	*Title*
MS129A	Calculus I
CS108	Inorganic and Physical Chemistry
PS101	Motion and Energy
PS102	Light and Optics
MS130	Calculus II
PS104	Electricity and Magnetism
PS105	Physical and Thermal Properties of Matter
PS108	The Universe
MS221	Calculus of Several Variables
PS201	Quantum Physics I
PS207	Nuclear Physics and Relativity
PS223	Introduction to Methods of Classical Mechanics
MS200A	Linear Mathematics
PS202	Electromagnetism
PS204	Solid State Physics I
PS213	Space Science and Technology
PS218	Physics of Renewable Energy
MS225	Modelling with Differential Equations
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

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:

Module Code	*Module Title*
PS151	Physics Laboratory I
PS157	Physics Laboratory II
PS258	Physics Laboratory III
PS260	Physics Laboratory IV
IN304	INTRA (Physics)
PS351	Physics Laboratory V
PS451	Final Year Project

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=AP

6. Repeat Arrangements

Students who do not successfully complete PS151 in 2018/2019 must register for both PS151 and PS157 in 2019/20. On successful completion these students will attain a total of 62.5 credits.

Students who do not successfully complete PS251 in 2018/2019 must register for both PS258 and PS260 in 2019/20.