



FACULTY OF SCIENCE AND HEALTH
Programme Regulations 2019-2020

Programme Title BSc in Physics with Astronomy

Programme Code PHA

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:

<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>
PS151	Physics Laboratory I
PS157	Physics Laboratory II
PS258	Physics Laboratory III
PS261	Physics Laboratory IV
PS310*	Astronomical Techniques
IN316	INTRA (PHA)
PS451	Final Year Project

*(lab element)

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 listed below:

<i>Module</i>	<i>Title</i>
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
MS225	Modelling with Differential Equations
PS301	Quantum Physics II
PS302	Statistical Physics
PS307	Wave Optics
MS339	Mechanics
PS412	Electrodynamics
PS405	Extragalactic Astrophysics & Cosmology
PS403	Digital Signal Processing
PS406	Plasma Science and Technology
PS413	Nanotechnology and Surface Analysis

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>
PS151	Physics Laboratory I
PS157	Physics Laboratory II
PS258	Physics Laboratory III
PS261	Physics Laboratory IV
PS310	Astronomical Techniques
IN316	INTRA (PHA)
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=PHA

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.

PS154 will be offered in 2019/20 for repeat students only.

Students who fail both PS151 and PS154 in 2018/19 must register for PS157 and PS151A in 2019/20.

Students who do not successfully complete PS251 in 2018/2019 must register for both PS258 and PS261 in 2019/20.