

BSc in Applied Physics

Course Short Code

AP

Course Year

4

Course Offering: 01

[Print PDF](#)

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## **BSc in Applied Physics, Year 4, Full-Time**

### **\*\*\*\*IMPORTANT MESSAGE\*\*\*\***

**The purpose of this information sheet is to allow you view all modules connected to the Qualification, optional and core. You should print this sheet out and then continue to the next step where your registration will take place.**

**It is your responsibility to ensure that you register correctly**

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### **CORE MODULES**

#### **YEAR LONG**

PS451	Final Year Project	20 Credits
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#### **SEMESTER 1**

PS402	Solid State Physics	5 Credits
PS407	Quantum Electronics	5 Credits
PS412	Electrodynamics	5 Credits

#### **SEMESTER 2**

PS413	Nanotechnology and Surface Analysis	5
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## **OPTIONAL MODULES**

### **SEMESTER 1**

**Choose one optional module in Semester 1.**

CA375	Professional & Research Practice for Data Science	5 Credits
EE425	Image Processing and Analysis	5 Credits
PS415	Applied Spectroscopy	5 Credits

## **OPTIONAL MODULES**

### **SEMESTER 2**

**Choose three optional modules in Semester 2.**

PS403	Digital Signal Processing	5 Credits
PS406	Plasma Science & Technology	5 Credits
PS429	Physics of Medical Diagnostics	5 Credits
PS432	Computational Physics	5 Credits

### **Year Long**

The Uaneen Module (UM405) is a non-contributing, optional, extra-curricular module with a portfolio assessment.

For full details on this module please visit - <http://www.dcu.ie/uaneen/index.shtml>.

UM405	Uaneen Non-Contributing Module	5 Credits
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Last Updated: 27th July 2023