



## University of Dundee

### Mathematics and Physics

#### Study details

**Course type:** Bachelor's degree

**Degree:** BSc (Hons) Mathematics and Physics

**Study mode:** Full time

**Duration:** 36 Month

#### Cost of study

**Cost :** 25 000 GBP

**Reg. fee :** 200 GBP

**Scholarship :**

**Insurance :** N/A GBP

#### Intake/s

Jan/Sep

#### Requirements

### English language requirements

#### IELTS Academic

- Overall 6.0
- Writing 6.0
- Listening 5.5
- Reading 5.5
- Speaking 5.5

We also accept other English language qualifications. (TOEFEL iBT, Trinity ISE, LANGUAGECERT Academic..)

### Don't meet the English language requirements?

Pre-sessional English for international students. If you hold a conditional offer and have not yet met the English entry requirements for a degree course at the University, we can help you with our pre-sessional English courses.

### Study for 4 years (start at Level 1)

The essential subjects are Mathematics + another science (Information Technology, Chemistry, Biology, Human Biology, Physics, or Computing Science) - A-level, GCE CCC

## Study for 3 years (start at Level 2)

The essential subjects are Mathematics + another Science (Information Technology, Chemistry, Biology, Human Biology, Physics, Psychology or Computing Science) - A-level, GCE ABB

## IB (International Baccalaureate) diploma

**Study for 4 years (start at Level 1)** - 28 points, including 5, 5, 4 at higher level

Essential subject: Mathematics at Higher Level

**Study for 3 years (start at Level 2)** - 32 points, including 6, 5, 5 at higher level

Essential subject: Mathematics at Higher Level

### Accommodation

## Key Features & Amenities

- Self-catered
- Single occupancy
- Access to laundry facilities
- En-suite (with shower and toilet)
- Inclusive of Utility bills
- In easy reach of bicycle storage
- Fully connected to superfast wired and wifi internet
- Connection to Freeview or Freesat

All rooms are single occupancy with private bathrooms (en suite), equipped with superfast WiFi. Rooms cost approximately £140-£170 per week.

Also available are laundry facilities, bike storage, a shared kitchen and weekend parking.

Halls are 10-minutes away from big supermarkets and the train station. Even less is the walk to get to the city centre, full of restaurants, cafes and bars.

## Speciality

### International College Dundee

If you do not meet our academic grade requirements for your chosen course, we can offer you an alternative route to begin your studies. Our international incorporated degrees will develop your subject knowledge, academic English and university level study skills.

**Pathways Available** - International Stage One

**Tuition fees for International students will increase by no more than 5% per year for the length of your course.**

## Additional information

## Degree Overview

Mathematics and physics are often interlinked, and as such are a natural combination to study together. You will gain a strong grounding in maths, so that you can understand the basic concepts of physics.

You will study both pure and application-driven mathematics. By the time you finish your degree, you will be able to use maths to solve practical problems. Computers are used extensively in modern maths and we will introduce you to various mathematical software preparing you for industry.

At the same time, you'll develop a deep understanding of physics, from astronomical phenomena to quantum mechanics. As the course progresses, you'll increase your knowledge in classical physics as well as advancements in modern physics.

Much of what you will learn will relate to research that our staff carry out. This includes topics such as biophysics, advanced materials, photonics, numerical analysis, and applications of maths and physics to challenging problems in biology and medicine.

As we have a high staff-to-student ratio, you'll be studying in a friendly and supportive environment. Our approachable lecturers offer drop-in help sessions.

Our Physics society run regular social events for anyone who has a particular interest in physics. They have organised trips to CERN, Munich and Amsterdam as well as the annual Physics Ball. They also offer excellent peer support. You can meet with students from all year groups to help guide you through the more challenging aspects of the course.