



SORBONNE  
UNIVERSITY  
ABU DHABI

# Foundation Year in Sciences



One-year programme

**The Foundation Year in Sciences degree is awarded by Sorbonne University in Paris and delivered by world-class academics in Sorbonne University Abu Dhabi. The programme, taught in English, is designed to equip students with all the skills required to succeed at the university level and to be successful in any undergraduate programme in sciences.**

During the Foundation Year in Sciences, as for Physics, students will study Optics and Electrokinetics. In two dedicated Laboratory courses, they will learn how to run experiments, analyze data and report on their results.

In Mathematics, after having revised high-school notions of pre-calculus in detail, and they will cover the better part of a typical Calculus 1 course. They will also study in some detail complex numbers and elements of mathematical logic, as well as programming in the Computer Science course.

The Methodology course will develop critical thinking and problem solving skills, and it will teach students how to manage their time. In the Active Science course, students will build on their knowledge and skills to manage a scientific project of their choice. Finally, they will also study a foreign language (French for non-French speakers).

The teaching methodology involves lectures and tutorials, laboratory sessions, projects, written technical reports and oral presentations.

Throughout the Foundation Year in Sciences, students will interact with the students from the Bachelor in Physics and the Bachelor in Mathematics, and be part of events organised by the Sciences and Engineering Department.

# Admission requirements

**Admission to the programme is very selective; the following are minimal criteria to apply for admission into the Foundation Year:**

- High school with a minimum average of 80% (General stream); 75% (Advanced stream/Elite stream/Science stream or equivalent)
- Recent EmSAT-English with a Minimum score of 1250 with a validity of 18 months, or valid Academic-IELTS 5.5 with a validity of 2 years, or valid TOEFL-IBT 71 with a validity of 2 years
- Recent EmSAT-Mathematics with a score at or above 1500 or High School in Mathematics at or above 80% and an admission test for Foundation year Sciences administered by the University
- Recent EmSat Physics with score at or above 900 or Physics subject in school with minimum 80% average (or equivalent) and admission test for foundation year administered by the university
- All admissions in the Science programmes are conditional on the successful completion of the Foundation Year in Sciences.

Only applicants holding a French Baccalaureate with minimum average of 12 out of 20 are eligible to be considered for direct entry in the programmes. For such applicants the following are minimal criteria to apply for direct entry in the programmes:

- Recent EmSAT-English with a Minimum score of 1250, or valid Academic-IELTS 5.5, or valid TOEFL-IBT 71
- A minimum score of 12 out of 20 in the specialty "Mathématiques Spéciales" and/or the specialty "Mathématiques expertes" or Recent EmSAT-Mathematics with a score at or above 1700 or Admission test for L1 administered by the University
- Physics subject in school with minimum average 12 out of 20 or Recent EmSat Physics with score at or above 900 or Admission test for L1 administered by the university
- Admission is subject to capacity constraints. Applicants might, therefore, be placed on a waiting list.

Other Countries Education's Systems

Conditions apply on other foreign curriculums according to the admission's policy set by Sorbonne University Abu Dhabi. Please contact the Student Recruitment office by email: [admissions@sorbonne.ae](mailto:admissions@sorbonne.ae) for more details.



## Career prospects

**The Foundation Year in Sciences provides students with the opportunity to study the Bachelor in Physics at Sorbonne University Abu Dhabi.**

Furthermore, the sound background acquired in mathematics and physics, and the methodology developed in the Foundation Year in Sciences, will ensure students are eligible to apply to any other science-based bachelor degree, and will prepare them to be successful at the university level.

### Tuition Fees

(Including admin. fees)

**AED 71,700** (approximately US\$ 19,538)

### Scholarship options\*:

- Emirati citizens receive the H.H. Sheikh Mohamed bin Zayed Al Nahyan scholarship grant covering tuition fees for the programme and a foundation year (if any).
- For non-Emirati students, academic excellence scholarships are offered, covering up to 75% of the tuition fee.

\*Conditions apply

Visit our website for more information.

# Why Sorbonne University Abu Dhabi?

In today's fast-paced and globalised economies, knowledge and languages both serve an important role in creating progressive and vibrant societies. The French education system is known for its high level of rigorous critical thinking and debating skills, which play a significant role in developing future pioneers and leaders.

Sorbonne Abu Dhabi is a globally recognised education institution that serves as a bridge between civilisations by offering a multicultural environment, which promotes and develops a strong culture of tolerance, curiosity, harmony and cultural awareness for today's modern economy. Students have access to internationally acclaimed faculty, world-class facilities and internationally recognised degrees, which places them firmly on the right path in preparation for a successful career.

## For more information, please contact:

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**sorbonne.ae**

