



**L-Università
ta' Malta**

Certificate in Foundation Studies in Science (Physics)

Course overview:

The Certificate in Foundation Studies in Science (Physics) will provide you with the knowledge as well as the personal and inter-personal skills and organisational framework, upon which to base your future undergraduate studies.

The primary aim of the course is to provide you with the knowledge base, transferable skills, linguistic skills and general competence to allow you to progress successfully onto the University of Malta's undergraduate courses in Computational Physics offered by the Faculty of Science and Physics, Medical Physics and Radiation Protection offered by the Faculty of Health Sciences and the Faculty of Science. The course offers specific training and support in Maths, Physics and English areas where you might require further assistance.

The course will provide teaching in the subject areas of mathematics, physics, as well as Academic and Technical English. In addition, you will be expected to attend regular tutorial sessions for each subject. During the tutorial sessions, you will be expected to show evidence of adequate revision of the week's work. At the same time, tutorials are intended as scheduled learning sessions in which you will receive training in how to apply your knowledge base and practice your language and communication skills.

The course will include continuous assessments to build up a realistic profile of your abilities. Tutors will be required to assess students periodically. As the course progresses and the level of spoken and written English improves and the mastery of subject content improves, you will be expected to show evidence of higher analytical and evaluation skills.

Skills such as the ability to apply your knowledge base, to show evidence of self-directed learning and attitude during tutorials will be assessed in the first and second semesters.

Student performance will be monitored continuously by the area coordinator and feedback will be provided through the course tutors. This will allow an awareness of the student's approach to learning and the identification of students who are encountering difficulties, so that remedial action such as the offer of small group coaching can be provided.