ASCENCIA MALTA

Licence Number: 2021-018
Higher Education

Master of Science in Computer Science

- ECTS: 90 Credits
- Duration: Full Time 18 months
- Part Time 36 months
- Intake: January, June & September

About Programme

Offers students an opportunity to further their studies in a research-led setting, having the flexibility to choose a number of modules including Artifical Intelligence, Distributed Systems, Security, FinTech and Software Engineering.

Our Mission & Values

Ascencia Malta Business and English Language School is built on a solid foundation of academic integrity and excellence paired with an inherent commitment to learn, teach, innovate, and champion knowledge and business success. Our mission is to ensure that after completing their studies with us, our students are able to step right into the world of work and excel. Our programs are accredited and recognised internationally through the European Qualifications Framework (EQF) and we are also proud members of Eramsus+. Finally, Ascencia Malta forms part of the College de Paris network of schools, spanning over 100 schools worldwide, giving our students access to wealth of knowledge and experience across the globe.

Our Tutors

At Ascencia Malta, you'll experience a friendly and welcoming student-centred learning enviroment. Our lecturers, many entrepreneurs themselves, provide learners with the opportunity to build their professional and academic qualifications through a career path that meets their interests and aspirations. Ascencia Malta lecturers support, mentor and guide you through the skills, knowledge and practical work experience to achieve your goals.

Contact Information:

+356 7988 0122 malta@ascencia.bs.mt

23, Vincenzo Dimech Street, Floriana FRN 1502 Malta.

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Studying Benefits

- Gain a globally recognized degree taught in English
- Emerging business tech career opportunities
- No language barrier
- Schengen country
- Easy visa process

Accreditation Category:

Higher Education Programme MQF Level 7 equivalent to EQF Level 7

MQF (Malta Quality Framework)

EQF (European Quality Framework)

Programme Units

In order to receive this program the student must successfully complete the modules:

A. Object Oriented Modelling MQF/EQF Level 7, 8 ECTS
B. Research Methods in Computer Science MQF/EQF Level 7, 6 ECTS
C. Data structures and algorithms MQF/EQF Level 7, 12 ECTS
D. Final Project MQF/EQF Level 7, 20 ECTS OR Practicuum MQF/EQF Level 7, 20 ECTS

Students then need to choose a few of the following modules, adding up to 44 ECTS:

E. Introduction to Artificial Intelligence MQF/EQF Level 7, 12 ECTS
F. Applied Artificial Intelligence MQF/EQF Level 7, 12 ECTS
G. Machine Learning MQF/EQF Level 7, 10 ECTS
H. Natural Language Processing MQF/EQF Level 7, 10 ECTS
I. Software Engineering MQF/EQF Level 7, 10 ECTS
J. Database Systems Implementation MQF/EQF Level 7, 10 ECTS
K. Data Intensive Systems MQF/EQF Level 7, 8 ECTS
L. Data Visualisation MQF/EQF Level 7, 8 ECTS
M. Formal Verification MQF/EQF Level 7, 8 ECTS
N. Introduction to Computer Security MQF/EQF Level 7, 12 ECTS
O. Cryptography MQF/EQF Level 7, 12 ECTS
P. Fintech and Blockchain MQF/EQF Level 7, 12 ECTS

Entry Requirements

Students who have no training in the field must have completed a bachelor's in Computer Science, Information technology or in a STEM subject. This applies to students applying for the MSc program, the Post-graduate certificate, the Post-graduate diploma and the awards.

Students without the required background may be allowed to join the course depending on the students' circumstances and background (2 to 5 years of industry experience may also be considered).

A good grasp of scientific English is also required in order to follow the course. Students will be asked to provide an IELTS certificate higher than grade 7 (or equivalent) or proof of an equivalent level of English before commencing the course if the student has not followed their BSc in a primarily English-speaking country.

Candidates will be asked to present their previously obtained qualifications along with their respective transcripts.

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