



About the Program

The departments of Math. & Applied Mathematics and Computer Science of Univ. of Crete (UoC), and the Institute of Applied and Computational Mathematics (IACM) and Institute of Computer Science (ICS) of FORTH are organizing the interdisciplinary graduate programme on “Data Analysis and Machine-Statistical Learning”.

The main aim of the proposed graduate programme is to provide high quality graduate training in the scientific field of Data Analysis and Machine-Statistical Learning and the support of basic and applied research in the area through its courses, the development of master thesis and participation in applied projects. The goal of the program is to train graduates, mainly of science and/or engineering background, to the mathematical foundations and computational aspects of data analysis and machine learning.

Programme Highlights

- High quality of education
- Internationally acclaimed faculty and instructors
- State-of-the-art curriculum with exciting modern topics
- Connections with the industry, through invited guest speakers and career days
- Connections with the academic community to continue for a Ph.D. degree
- Exciting and fun place to live and study



ΠΑΝΕΠΙΣΤΗΜΙΟ ΚΡΗΤΗΣ
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**Graduate programme on
Data Analysis and
Machine-Statistical
Learning**



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**Operational Programme
Human Resources Development,
Education and Lifelong Learning**
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FORTH

FOUNDATION FOR RESEARCH AND TECHNOLOGY - HELLAS

Graduate programme on Data Analysis and Machine-Statistical Learning

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DEPT. OF MATHEMATICS & APPLIED MATHEMATICS
DEPT. OF COMPUTER SCIENCE

FORTH
INST. OF APPLIED & COMPUTATIONAL MATHEMATICS (IACM)
INST. OF COMPUTER SCIENCE (ICS)



The Organizers

The collaborating organizations implementing the postgraduate programme, the University of Crete (Department of Mathematics and Applied Mathematics, Department of Computer Science) and FORTH (Institutes of Applied & Computational Mathematics and Computer Science) are the pillars of the proposed master's program.

The composition of the participating units with their corresponding undergraduate programs and research activities ensures the high quality of the programme necessary for students to successfully complete their studies. In addition, the research and scientific expertise of the faculty members and researchers is identified with the set of courses included in the curriculum of the proposed programme.

Graduate Outcomes

The programme with its high-quality training will strengthen and expand the skills of its graduates, giving them new perspectives and ways for their professional development and help them achieve their full potential in the job market. The student will have the opportunity to participate in research projects of UoC and FORTH, complete their master projects and gain valuable working experience, enhancing even further their professional perspectives.

Practical Information about the programme

- Language: English
- Duration: Three (3) semesters with 90 ECTS, Course work 70 ECTS, Master Project 20 ECTS
- Courses: Up to three (3) Preparatory courses depending on student's background, three (3) mandatory Core courses and 3-4 Elective courses
- Basic tuition fees, Scholarships

The Faculty

The teaching and research staff of the School of Sciences and Engineering of the University of Crete and the Foundation for Technology and Research who co-organize the proposed postgraduate program have rich, pioneering and internationally recognized research activity in many areas related to Data Analysis and Machine Statistical Learning. Most programme instructors already have research collaborations with national and foreign academic institutions, public bodies, and industry. Faculty members and researchers are actively involved in various startups of FORTH and/or UoC, located in Crete's technological park.

Other information

Website: <https://mscs.uoc.gr/damsl/>

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