



## COMPUTER SCIENCE CURRICULA

Our Computer Science Bachelor program trains specialists capable of fast integration into the labor market as a programmer, database and computer networks administrator, software designer and/or engineer, financial analyst, scientific researcher, data scientist, freelancer, or teacher.

Curricula have compulsory courses (*Fundamentals of Programming, Data Structures, Fundamental Algorithms, Object Oriented Programming, Databases, Database Management Systems, Computer Networks, Software Engineering, Integrated Development and Design Environments, Artificial Intelligence, Web Technologies, Optimization, Computer Graphics*), as well as fundamental mathematics courses, such as *Algebra, Calculus, Geometry, Probabilities and statistics*. For the elective courses, students may opt to study *Calculability and Complexity, Face Recognition, Machine Learning, Image Processing, Mathematical Modeling, Graphs and Combinatorics, Discrete Mathematics*, and facultative courses (for those interested in a teaching career).

We also offer laboratories and student seminars on various topics (image analysis and pattern recognition, virtual reality, computer networks, natural language processing), summer schools, and student competitions.



## JOIN US!

### FACULTY OF MATHEMATICS AND INFORMATICS

🌐 Bd. Mamaia 124, Constanța, 900527

☎ +40-241-606424

🌐 [HTTP://MATH.UNIV-OVIDIUS.RO](http://math.univ-ovidius.ro)



UNIVERSITATEA OVIDIUS  
DIN CONSTANȚA



# FACULTY OF MATHEMATICS AND INFORMATICS



COMPUTER SCIENCE  
(in English 😊)

🌐 BD. MAMAIA 124, CONSTANȚA, 900527  
ROMANIA

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## ABOUT US

**Ovidius University of Constanta (UOC)** is a higher education institution with a tradition in education and research in the fields of Mathematics and Informatics. The **Mathematics** bachelor program has been running for more than 50 years, the **Mathematics-Informatics** for over 20 years and the **Informatics** program for over 10 years.

The **Faculty of Mathematics and Informatics (FMI)** has implemented since 2005 curricula compatible with the education system required by the Bologna Convention (bachelor studies - 3 years, master studies - 2 years, PhD programs - 3 years) and uses the European Credit Transfer and Accumulation System (ECTS).

Today, the **educational offer** includes:

- ◆ 4 bachelor study programs: **Mathematics, Mathematics-Informatics, and Informatics** in Romanian and **Computer Science** in English;
- ◆ 3 master study programs: **Information Technologies and Modeling, Multi-Modal Distributed Virtual Environments** and **Didactic Mathematics**;
- ◆ PhD programs in theoretical and applied Mathematics.

Constanta, one of the most cosmopolitan cities in the country, is an ethnic mosaic, a space of communication and understanding, is a city that offers special opportunities on the labor market for students and graduates of the study programs offered by the **Faculty of Mathematics and Informatics**.



## WHY STUDY AT FMI?

**Plenty of reasons! Here are 10+1 of them:**

1. We seek performance and we are involved in linking academia with industry and innovative start-ups.
2. Our students can benefit from internships at IT companies with which we have signed collaboration agreements, such as Palo Alto Networks partnership, or Google Digital Workshop.
3. Our students can participate in events such as Career Days, live coding sessions organized by IT companies, and join national and international mathematics and informatics student competitions
4. Our students can easily find on the FMI website information about their schedules, curricula, and organized events
5. Our students have access to course, seminars and lab materials in electronic format.
6. Our students have access to a modern library, modern study rooms and highly trained teachers.
7. Our students have access to sports base and accommodation in student hostels.
8. Our students can receive scholarships and grants from Erasmus+ or private companies.
9. Our graduates are easily finding jobs in their field.
10. Together, we can create disruptive technologies.
11. *Constanta is the only university city in Romania located on the Black Sea coast.*

## PERFORMANCE & INVOLVEMENT



## ADMISSIONS

Information regarding admission for foreign students can be found at:

**[HTTPS://ADMISSION.UNIV-OVIDIUS.RO/v2/](https://admission.univ-ovidius.ro/v2/)**

All information related to the admission process for foreign students can be found at:

**[HTTP://EN.UNIV-OVIDIUS.RO/INTERNATIONAL/INTERNATIONAL-STUDENTS-DEPARTMENT](http://en.univ-ovidius.ro/international/international-students-department)**

