Modern techniques for signal processing

Microelectronics, optoelectronics and nanotechnologies
The master's program is centered on modern algorithms and structures for analogue and digital signal processing and silicon implementation methods aiming the design of analogue, digital and mixed signal integrated circuits.

Why?

Scholarships offered by companies in the program field

Mobility grants at partner universities within the Erasmus Programme in Greece, Belgium, Finland, Germany, France, Portugal

Participation at local and national student contests;

Internships within well known companies, such as: Infineon Technologies Bucharest or Continental Iasi

Conducting research projects under the coordination of the program teaching staff

Modern equipment, including computer networks with the necessary software licenses and laboratories with computer interfaced electronic measurement equipment

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Am I going to like it?

✔ I aim at a multidisciplinary education

✔ I like participating in team projects

✔ I am interested in the latest scientific and technical achievements

✔ I wish to stimulate my initiative and creativity

Strengths

Job opportunities

Digital and analog integrated design (Infineon, Microchip - București, Silicon Service - Iasi).

Electronic circuits and systems design based on microcontrollers and digital signal processors (Continental - Iasi).

Digital systems functional verification (NoBug - Iasi).

Image processing and CCD sensors (Tesera - București).

Automatic control (Marquardt - Sibiu).

For more information visit: www.etti.tuiasi.ro

Admission Info

Admission to the Master's degree program is granted based on the academic results of the candidate (final grade of Bachelor's degree program).

This is a 2-year full-time study program.