

# FACULTY OF PHYSICS

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## **Field: Physics**

1. Specialization **PHYSICS** (3 years, full time)  
- lines of study: Romanian and Hungarian
2. Specialization **MEDICAL PHYSICS** (3 years, full time)  
- lines of study: Romanian and Hungarian
3. Specialization **PHYSICS OF INFORMATION** (3 years, full time)  
- lines of study: Romanian and Hungarian

## **Field: Applied Engineering Sciences**

4. Specialization **TECHNOLOGICAL PHYSICS** (4 years, full time)  
- lines of study: Romanian and Hungarian

## **Field: Environmental Science**

5. Specialization **ENVIRONMENTAL PHYSICS** (3 years, full time)  
- line of study: Romanian

**Specializations in the fields Physics - Romanian line of study, Environmental Science - Romanian line of study and are also organized at the Extension in Zalău.**

## **Selection criteria:**

### **A. SELECTION CRITERIA for the high-school graduates who own a high-school graduation examination diploma:**

1. The "Augustin Maior" Physics competition organized by the Faculty of Physics each year, is the main form of admission for the physics enthusiasts.  
(a) The high-school graduates who own a high-school graduation examination diploma, prize and honorable mentions winners in this competition in the school years 2009/2010 and 2010/2011 are declared admitted with 10 (ten), limited by the school number of student places, regardless of high-school leaving examination arithmetic mean.  
(b) The high-school graduates who hold a high-school graduation examination diploma, who obtained at least 70% of the maximum score in the "Augustin Maior" Competition organized by the Faculty of Physics in the school years 2009/2010 and 2010/2011 will be admitted at the Faculty of Physics according to an arithmetic mean calculated by the following formula:  
$$M = (1/6)n + 25/3$$
where "n" is the mark obtained in the "Augustin Maior" competition. Thus, for mark 7 obtained in the competition the candidate participates at the admission with the arithmetic mean 9, 50.

2. High-school graduates who hold a high-school graduation examination diploma are admitted with 10 (ten), in the limit of the number of student places, regardless of the high-school leaving examination arithmetic

mean, if they obtained:

- (1) first prize or golden medal in the international school Olympics in the subject of PHYSICS, MATHEMATICS AND INFORMATICS in at least one of the last four years of study;
- (2) distinctions in the international or national school Olympics in the subject of PHYSICS, MATHEMATICS or INFORMATICS in at least one of the last two years of study;
- (3) prizes in the regional stages of the Olympics in PHYSICS, MATHEMATICS or INFORMATICS in at least one of the school years 2008/2009 and 2009/2010;
- (4) prizes in the national stage of the "Ștefan Procopiu" Physics competition in at least one of the school years 2009/2010 and 2010/2011.

The selection criteria for the high-school graduate candidates who have equal arithmetic means obtained in the competitions are, as follows:

- a) the arithmetic mean obtained in the high-school graduation examination;
  - b) the arithmetic mean of the marks obtained at the subject of PHYSICS in grades IX, X, XI, XII.
- Candidates enframed at points (1) - (4) must present the diploma obtained in the Olympics/competition, in original or a certificate in this sense issued by the Regional School Inspectorate or the competition organizers.

The high-school graduates enrolled in the fore-mentioned categories will address, in the period of enrollment of the month July, written requests to the leadership of the Faculty of Physics, who will decide upon the applications.

3. The arithmetic mean of the high-school graduation examination.

**The further selection criteria for the high-school graduate candidates who have equal arithmetic means are, as follows:**

- a) the arithmetic mean of the marks at the subject of PHYSICS in grades IX, X, XI, XII;
- b) the arithmetic mean of the marks at the subject of MATHEMATICS in grades IX, X, XI, XII.

**B. SELECTION CRITERIA for the graduate students who wish to attend the Faculty of Physics as a second faculty:**

- the graduate examination arithmetic mean from the first faculty.

**Further selection criteria for the graduate students who have equal arithmetic means are, as follows:**

- a) the closeness of the first faculty profile to the Faculty of Physics profile;
- b) the graduate examination arithmetic mean;
- c) the first faculty graduation arithmetic mean.

**C. SELECTION CRITERIA for study continuation at BA level for the graduate students of short-term specializations:**

- the study years arithmetic mean (50%) and the graduate exam arithmetic mean (50%).

The further selection criteria for the candidates with equal arithmetic means are the high-school leaving examination arithmetic mean.

**Admission calendar:**

**11 - 15 July 2011, 18-22 July 2011**– Enrollment of candidates

**23 July 2011** – Posting results

**25 - 26 July 2011** – Seat confirmation

**27 July 2011** – Posting results after confirmation

**28 – 29 July 2011** – Occupied seats confirmation after sliding

**30 July 2011** – Posting of the final results