

# THE FACULTY OF CHEMISTRY AND CHEMICAL ENGINEERING

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## **Field: Chemical Engineering**

1. Specialization **ALIMENTARY CHEMISTRY AND BIOCHEMICAL TECHNOLOGIES**, (4 years, full time)  
- line of study: Romanian
2. Specialization **BIOCHEMICAL ENGINEERING**, (4 years, full time)  
- line of study: Romanian
3. Specialization **ENGINEERING AND INFORMATICS OF CHEMICAL AND BIOCHEMICAL PROCESSES**, (4 years, full time)  
- line of study: Romanian
4. Specialization **SCIENCE AND ENGINEERING OF OXIDIC MATERIALS AND NANOMATERIALS**, (4 years, full time)  
- line of study: Romanian
5. Specialization **INORGANIC SUBSTANCES ENGINEERING AND ENVIRONMENTAL PROTECTION**, (4 years, full time)  
- line of study: Romanian
6. Specialization **ORGANIC SUBSTANCES ENGINEERING, PETROCHEMISTRY AND CARBOCHEMISTRY**, (4 years, full time)  
- lines of study: Romanian and Hungarian

## **Field: Environmental Engineering:**

1. Specialization **ENVIRONMENTAL ENGINEERING AND PROTECTION IN CHEMICAL AND PETROCHEMICAL INDUSTRY**, (4 years, full time)  
- line of study: Romanian

## **Field: Chemistry**

1. Specialization **CHEMISTRY**, (3 years, full time)  
- lines of study: Romanian, Hungarian and English

## **Field: Environmental Science**

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

## **Selection criteria:**

For each candidate there will be calculated an admission arithmetic mean, without rounding off, according to

the selection criteria described as follows:

**a. Admission arithmetic mean** resulted from: the weighted average of the high-school leaving examination (30% share) with the arithmetic mean obtained at the subject of CHEMISTRY in grades IX-XII (70% share). Graduate candidates of the socio-human profile high-schools, for which the curricula afferent to the high-school years provided courses in the subject of CHEMISTRY only in grades IX and X, will select in order to calculate the admission arithmetic mean, two arithmetic means from a different subject in the field of natural sciences or of exact sciences, instead of the arithmetic means at CHEMISTRY for grades XI and XII.

1. In the case of 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> prize in school Olympics in Chemistry, county stage, in at least one of the high-school years, 10(ten) will be given for the general arithmetic mean obtained at the subject of CHEMISTRY in grades IX-XII, when calculating the admission arithmetic mean.
2. In the case of 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> prize in interdisciplinary technical Olympics in *Industrial Chemistry* national and county stage, in at least one of the high-school years, 10(ten) will be given for the general arithmetic mean obtained at the subject of CHEMISTRY in the grades IX-XII, when calculating the admission arithmetic mean.
3. In the case of participants who did not receive prizes in the national or international Chemistry school Olympics or in the international regional school competitions, in at least one of the high-school years, 10(ten) will be given for the general arithmetic mean obtained at the subject of CHEMISTRY in grades IX-XII, when calculating the admission mean.
4. In the case of 1st, 2nd, 3rd prizes in the section of *Chemistry or Industrial chemistry* of the school symposia, 10(ten) will be given for the general arithmetic mean obtained at the subject of CHEMISTRY in grades IX-XII when calculating the admission arithmetic mean.

Or **b.** The mark obtained at the "CANDIN LITEANU" competition, 2010 and 2011 editions. If this is higher than eight and than the admission arithmetic mean calculated according to article **a.**, then it replaces this one.

#### **Selection criteria in case of equal arithmetic mean:**

1. The general arithmetic mean obtained at the competition subjects, calculated when establishing the admission arithmetic mean according to **art. a.**
2. The annual arithmetic mean obtained in the subject of CHEMISTRY in grade XII, and for the graduate candidates of socio-human profile high-schools, the annual arithmetic mean of grade XII in the competition discipline to be considered when calculating criterion **a.** This criterion is applied in the case in which the first criterion is not effective in the selection of candidates.

#### **Specific criteria :**

The students who obtained prizes in the international school Olympics of Chemistry, as well as students who obtained 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> prize in the national school Olympics in at least one of the high-school years are declared admitted with 10 (ten) – on condition they present the proving document.

#### **Selection criteria for graduate students:**

The selection of graduate candidates is made in the same way as the selection of the high-school graduates. In order to benefit of the Program "The second Universitatea Babeş-Bolyai (UBB) diploma" (fee reduction),

the candidate must present the proof of the fact that he/she is a graduate or full student within his/her first UBB specialization.

**Admission calendar:**

**11 - 23 July 2011** – Enrollment of candidates

**23 July 2011** – Posting results

**25 - 26 July 2011** – Confirmation of results

**27 July 2011** – Posting results after the redistribution of the unoccupied seats

**28 and 29 July 2011** – Confirmation of seat occupation by the admitted candidates

**30 July 2011** – Posting final results