



Tudor Marius Ungurean

Date of birth: 04/02/1997 | **Phone number:** (+40) 749057456 (Mobile) | **Email address:** tudor.ungurean@ubbcluj.ro |

Address: Str. Mureşului, , Nr.37, Bl R3, Et 3, Ap.8, 400598, Cluj-Napoca, Romania (Home)

WORK EXPERIENCE

RESEARCH CHEMIST – BABEŞ-BOLYAI UNIVERSITY – 01/07/2023 – 31/12/2023 – CLUJ-NAPOCA, ROMANIA

PHD RESEARCHER – CNRS, ISCR, UMR 6226 – 01/11/2022 – 30/03/2023 – RENNES, FRANCE

CHEMIST – BABEŞ-BOLYAI UNIVERSITY – 14/10/2021 – 13/10/2022 – CLUJ-NAPOCA, ROMANIA

Business or Sector: Education | **Department:** Facultatea de Chmie si Inginerie Chimica | **Website:** <http://chem.ubbcluj.ro/>

PHD RESEARCHER – CNRS, ISCR, UMR 6226 – 01/10/2023 – 01/06/2024 – RENNES, FRANCE

EDUCATION AND TRAINING

03/10/2022 – CURRENT Cluj-Napoca, Romania

PHD IN ORGANOMETALLIC CHEMISTRY Babeş-Bolyai University, Doctoral School of Chemistry

Address 11 Arany János Str, 400028, Cluj-Napoca, Romania | **Website** <http://www.chem.ubbcluj.ro/~sdc/index.html>

30/09/2020 – 27/06/2022 Cluj-Napoca, Romania

MASTER DEGREE IN CHEMICAL ENGINEERING Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering

Advanced chemical process engineering

Address Arany János 11, 400028, Cluj-Napoca, Romania | **Website** <http://www.chem.ubbcluj.ro/> |

Field of study Chemical engineering and processes | **Final grade** 10 | **Level in EQF** EQF level 7 | **Type of credits** ECTS |

Number of credits 120 |

Thesis Model calibration of the industrial drying chamber for ceramic electrical insulators and production schedule for operation improvement

30/09/2020 – 27/05/2022 Cluj-Napoca, Romania

PSYCHO-PEDAGOGICAL TRAINING STUDY PROGRAMME 2ND COURSE DIPLOMA Babeş-Bolyai University, Department for Teacher Training

Address Sindicatelor 7, 400029, Cluj-Napoca, Romania | **Website** <http://dppd.ubbcluj.ro/> |

Field of study Teacher training with subject specialisation | **Final grade** 10 | **Type of credits** ECTS | **Number of credits** 30



30/09/2016 – 30/06/2020 Cluj-Napoca, Romania

BACHELOR DEGREE IN CHEMICAL ENGINEERING Babeş-Bolyai University, Faculty of Chemistry and Chemical Engineering

Address Arany János 11, 400028, Cluj-Napoca, Romania | **Website** <http://chem.ubbcluj.ro/> |

Field of study Chemical engineering and processes | **Final grade** 9,90 | **Level in EQF** EQF level 6 | **Type of credits** ECTS |

Number of credits 240 | **Thesis** Drying process of electrical insulators, mathematical modelling & dynamic simulation

14/07/2019 – 01/08/2019 Cluj-Napoca , Romania

EMERSON INSTRUMENTATION ENGINEERING BOOTCAMP TRAINING DIPLOMA Emerson Automation Solutions

Address Industrial Park, Emerson str. 4, 400641, Cluj-Napoca , Romania | **Website** www.emerson.ro/ |

Field of study Chemical engineering and processes | **Final grade** 8,82 | **Level in EQF** EQF level 6

30/09/2016 – 31/05/2019 Cluj-Napoca, Romania

PSYCHO-PEDAGOGICAL TRAINING STUDY PROGRAMME 1ST COURSE DIPLOMA Babeş-Bolyai University, Department for Teacher Training

Address Sindicatelor 7, 400029, Cluj-Napoca, Romania | **Website** <http://dppd.ubbcluj.ro/> |

Field of study Teacher training with subject specialisation | **Final grade** 10 | **Level in EQF** EQF level 6 | **Type of credits** ECTS |

Number of credits 30

14/09/2012 – 18/07/2016 Cluj-Napoca, Romania

BACALAUREAT DIPLOMA "Avram Iancu" Theoretical Highschool

Address Onisifor Ghibu 33, 400185, Cluj-Napoca, Romania | **Website** <https://www.avramiancucluj.ro/> |

Field of study Basic programmes and qualifications | **Final grade** 9.65 | **Level in EQF** EQF level 4

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
FRENCH	B1	B1	B1	B1	B1
GERMAN	A2	A2	A2	A2	A2
ITALIAN	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Chemistry and chemical engineering specific software

MATLAB/Simulink | ChemCad | ChemDRAW | LabView | Aspen Plus | SOLID EDGE | Aspen HYSYS

Photo-audio-video editing

Adobe Illustrator | Adobe Photoshop | Adobe XD | Adobe Audition



Text, spreadsheets and presentations

LaTeX | Microsoft Word | Microsoft Excel | OriginPro | Microsoft PowerPoint | Microsoft Office

Online communication

Skype | Microsoft Teams | Zoom

Web editing

Adobe Dreamweaver | HTML | CSS

● CONFERENCES AND SEMINARS

01/10/2018 – 04/10/2018 A XXXV-a Conferință Națională de Chimie, Căciulata

Tudor Ungurean, Larisa-Maria Podelenczki, Oana Poptile, Ancuta Ghiriti, Petru Ilea, Sorin Aurel Dorneanu, Florica Imre-Lucaci „WEEE - RECYCLING I. CHEMICAL AND ELECTROCHEMICAL PROCESS FOR Zn-Mn BATTERIES RECYCLING”

15/05/2024 – 17/05/2024 CoFRO - workshop on Coordination chemistry between France and Romania, Rennes

Tudor M. Ungurean, Jean-François Carpentier, Cristian S. Silvestru, Yann Sarazin "NOVEL ORGANOANTIMONY HALIDES"

08/05/2025 – 10/05/2025 YRICCCE V Young Researchers' International Conference on Chemistry and Chemical Engineering

Tudor M. Ungurean, Yann Sarazin, Cristian S. Silvestru "SYNTHESIS AND CHARACTERIZATION OF NOVEL AZASTIBOCINE HALIDES"

● MANAGEMENT AND LEADERSHIP SKILLS

Coordination and supervision

Coordinating and supervising groups of people. Experience gained from volunteering and in the workplace

● COMMUNICATION AND INTERPERSONAL SKILLS

Soft skills

Ability to collaborate very well with others, perseverance, quick thinking, and open to new experiences. Soft skills have been acquired during university stages, volunteer projects, work, as well as training and internship stages.

Technical skills

Mathematical modeling and simulation of chemical processes in several types of chemical engineering specific software, optimization of chemical processes. Ability to perform chemical syntheses and various types of laboratory analysis. Experience has been gained during undergraduate stages, internships, and research and development activities, as well as during employment

I hereby declare that all the information given is true and it corresponds to reality.

Cluj-Napoca, Romania , 26/01/2026